

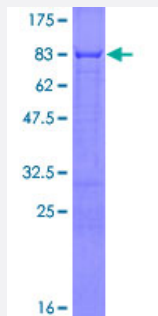
## Full-Length

## ERRFI1 (Human) Recombinant Protein (P01)

Catalog # H00054206-P01

Size 25 ug, 10 ug

## Applications



## Specification

## Product Description

Human ERRFI1 full-length ORF ( NP\_061821.1, 1 a.a. - 462 a.a.) recombinant protein with GST-tag at N-terminal.

## Sequence

MSIAGVAAQEIRVPLKTGFLHNGRAMGNMRKTYWSSRSEFKNNFLNIDPITMAYSLNSSAQERLIPL  
GHASKSAPMNGHCFAENGPSQKSSLPPLLIPSENLPHEEDQVVCGFKKLTVNGVCASTPPLT  
PIKNPSLFPACPLCERGSRLPPLPSEALSLDDTDCEVEFLTSSDTDFLEDSTLSDFKYDVPG  
RRSFRGCGQINYAYFDTPAVSAADLSYVSDQNGGVDPNPPPPQTHRLRRSHSGPAGSFNKP  
AIRISNCCIHRA SPNSDEDKPEVPPRVPIPPRPVKPDYRRWSAEVTSSTYSDEDRPPKVPPREPL  
SPSNSRTPSPKSLPSYLVNVMPPPTQSFAPDPKYVSSKALQRQNSEGSASKVPCILPIIENGKKVS  
STHYLLPERPPYLDKYEKFFREAEETNGGAQIQPLPADCGISSATEKPDSTKMDLGGHVKRKH  
LSYVVSP

## Host

Wheat Germ (in vitro)

## Theoretical MW (kDa)

77

## Interspecies Antigen Sequence

Mouse (81); Rat (82)

## Preparation Method

[in vitro wheat germ expression system](#)

## Purification

Glutathione Sepharose 4 Fast Flow

## Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| <b>Note</b>                | Best use within three months from the date of receipt of this protein.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — ERRFI1

|                            |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>       | <a href="#">54206</a>                                                                                                                                                                                                                                                                                                                                                  |
| <b>GeneBank Accession#</b> | <a href="#">NM_018948.2</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Accession#</b>  | <a href="#">NP_061821.1</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>           | ERRFI1                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Alias</b>          | GENE-33, MIG-6, MIG6, RALT                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Description</b>    | ERBB receptor feedback inhibitor 1                                                                                                                                                                                                                                                                                                                                     |
| <b>Omim ID</b>             | <a href="#">608069</a>                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Summary</b>        | ERRFI1 is a cytoplasmic protein whose expression is upregulated with cell growth (Wick et al., 1995 [PubMed 7641805]). It shares significant homology with the protein product of rat gene-33, which is induced during cell stress and mediates cell signaling (Makkinje et al., 2000 [PubMed 10749885]; Fiorentino et al., 2000 [PubMed 11003669]).[supplied by OMIM] |
| <b>Other Designations</b>  | OTTHUMP00000001359 mitogen-inducible gene 6 mitogen-inducible gene 6 protein receptor-associated late transducer                                                                                                                                                                                                                                                       |