

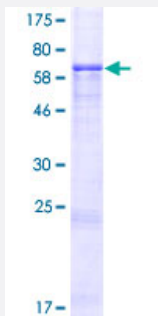
Full-Length

IER5 (Human) Recombinant Protein (P01)

Catalog # H00051278-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IER5 full-length ORF (AAH00128.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEFKLEAHRVSIISLGKIYNSRVQRGGIKLHKNLLVSLVLSARQVYLSGPCGLYLAGPAGTPAPP
PQQQPGEPAAGPPAGWGEPPPPAARASWPETEPQPERSSVSDAPRVGDEVPVATVTGVGDV
FQGGEADATEAAWSRVEGPRQAAAREAGTAGGWGVFPEVSRAARRPCGCPLGGEDPPGTP
AATPRAACCCAPRPAEDEPPAPPAVCPRKRCAAGVGGGPAGCPAPGSTPLKKPRRNLEQPPS
GGEDDDAEEMETGNVANLISIFGSSFSGLLRKSPGGGEEEEEGEESGPEAAEPGQICCDKPVLR
DMNPWSTAVAF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.1

Interspecies Antigen Sequence

Mouse (72); Rat (69)

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.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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 — IER5

Entrez GeneID[51278](#)**GeneBank Accession#**[BC000128.2](#)**Protein Accession#**[AAH00128.1](#)**Gene Name**

IER5

Gene Alias

MGC102760, SBB148

Gene Description

immediate early response 5

Omim ID[607177](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein that is similar to other immediate early response proteins. In the mouse, a similar gene may play an important role in mediating the cellular response to mitogenic signals. Studies in rats found the expression of a similar gene to be increased after waking and sleep deprivation. [provided by RefSeq]

Other Designations

OTTHUMP00000033133