

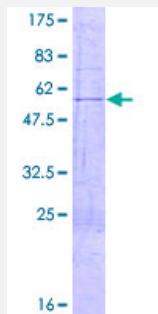
Full-Length

## MORF4 (Human) Recombinant Protein (P01)

Catalog # H00010934-P01

Size 10 ug, 25 ug

### Applications



### Specification

#### Product Description

Human MORF4 full-length ORF ( NP\_006783.2, 1 a.a. - 235 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MRWAAPGKKTSGLQQKNIEVTKKKNKQKTPGNGDGGSTSETPQPPRKKRAQVDPTVENEETFM  
NRVEVKVKIPEELKPWLVDWDLITRQKQLFYLPAEKNVDSILEDYANYKKSHGNTDNKEYAVNE  
VVAGIKEYFNLMLGTQLLNKFERPQYAEILADCPDAPMSQVYGVPHLLRLSVQIGAMLAYTPLNEK  
SLALLNLYLHDFLKYLAKN SATLFSASDYEVALPEYHRKAV

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

53.1

#### 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 — MORF4

Entrez GeneID	<a href="#">10934</a>
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GeneBank Accession#	<a href="#">NM_006792.2</a>
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Protein Accession#	<a href="#">NP_006783.2</a>
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Gene Name	MORF4
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Gene Alias	CSR, CSRB, SEN, SEN1
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Gene Description	mortality factor 4
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Omim ID	<a href="#">116960</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	Cellular senescence, the terminal nondividing state that normal cells enter following completion of their proliferative potential, is the dominant phenotype in hybrids of normal and immortal cells. Fusions of immortal human cell lines with each other have led to their assignment to 1 of several complementation groups. MORF4 is a gene on chromosome 4 that induces a senescent-like phenotype in cell lines assigned to complementation group B.[supplied by OMIM]
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Other Designations	senescence (cellular)-related 1 senescence-related, cellular, 1
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