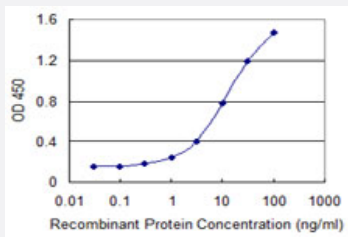


EIF5B monoclonal antibody (M02), clone 3F9

Catalog # H00009669-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EIF5B is 0.1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EIF5B.
Immunogen	EIF5B (NP_056988, 1121 a.a. ~ 1218 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QGTPMCVPSKNFVDIGVTSIEINHKQVDVAKKGQEVCKIEPIPGESPKMFGRHFEATDILVSKISR QSIDALKDWFRDEMQRSDWQLVELKKVFE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EIF5B is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EIF5B

Entrez GeneID	9669
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GeneBank Accession#	NM_015904
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Protein Accession#	NP_056988
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Gene Name	EIF5B
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Gene Alias	DKFZp434I036, FLJ10524, IF2, KIAA0741
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Gene Description	eukaryotic translation initiation factor 5B
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Omim ID	606086
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Gene Ontology	Hyperlink
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Gene Summary	Accurate initiation of translation in eukaryotes is complex and requires many factors, some of which are composed of multiple subunits. The process is simpler in prokaryotes which have only three initiation factors (IF1, IF2, IF3). Two of these factors are conserved in eukaryotes: the homolog of IF1 is eIF1A and the homolog of IF2 is eIF5B. This gene encodes eIF5B. Factors eIF1A and eIF5B interact on the ribosome along with other initiation factors and GTP to position the initiation methionine tRNA on the start codon of the mRNA so that translation initiates accurately. [provided by RefSeq]
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Other Designations	translation initiation factor IF2
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