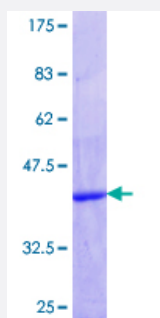


FIS1 (Human) Recombinant Protein (Q01)

Catalog # H00051024-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FIS1 partial ORF (NP_057152.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYAWCLVRTRYND DIRKGM LLEELL PKG SKEEQRDYVFYLAVGNYRLKEYEKALKYVRGLLQT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (97)
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 — FIS1

Entrez GeneID	51024
GeneBank Accession#	NM_016068
Protein Accession#	NP_057152.1
Gene Name	FIS1
Gene Alias	CGI-135, TTC11
Gene Description	fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)
Omim ID	609003
Gene Ontology	Hyperlink
Gene Summary	The balance between fission and fusion regulates the morphology of mitochondria. TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission (James et al., 2003 [PubMed 12783892]).[supplied by OMIM]
Other Designations	H_NH0132A01.6 tetratricopeptide repeat domain 11