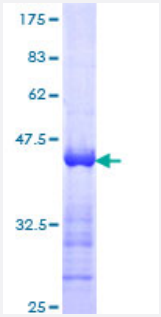
HIP1 (Human) Recombinant Protein (Q01)

Catalog # H00003092-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HIP1 partial ORF (NP_005329, 928 a.a. - 1037 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DSPNLAQLQQASRGVNQATAGVVASTISGKSQIEETDNMDFSSMTLTQIKRQEMDSQVRVLELEN ELQKERQKLGELRKKHYELAGVAEGWEEGTEASPPTLQEVVTEKE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — HIP1

Entrez GeneID	3092
GeneBank Accession#	NM_005338
Protein Accession#	NP_005329
Gene Name	HIP1
Gene Alias	ILWEQ, MGC126506
Gene Description	huntingtin interacting protein 1
Omim ID	176807 601767
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a membrane-associated protein that colocalizes with huntingtin. This protein has similarities to cytoskeleton proteins and its interaction with huntingtin is thought to play a functional role in the cell filament network. Loss of normal huntingtin-HIP1 interaction in Huntington disease may contribute to a defect in membrane-cytoskeletal integrity in the brain. This gene could help in the understanding of the normal function of huntingtin and also the pathogenesis of Huntington disease. It also has been implicated in the pathogenesis of hematopoietic malignancies. An alternative splice variant of this gene has been described but its full length sequence has not been determined. [provided by RefSeq
Other Designations	-

Disease

- Huntington disease