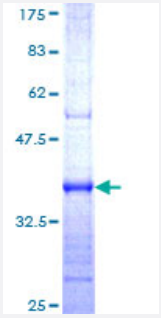
HERC4 (Human) Recombinant Protein (Q01)

Catalog # H00026091-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HERC4 partial ORF (NP_071362, 341 a.a. - 440 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VKGNWYPYNGQCLPDIDSEEYFCVKRIFSGGDQSFSHYSSPQNCGPPDDFRCPNPTKQIWTVNE ALIQKWLSYPSGRFPVEIANEIDGTFSSSGCLNGSF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (96)
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 — HERC4

Entrez GeneID	26091
GeneBank Accession#	NM_022079
Protein Accession#	NP_071362
Gene Name	HERC4
Gene Alias	DKFZp564G092, KIAA1593
Gene Description	hect domain and RLD 4
Omim ID	609248
Gene Ontology	Hyperlink
Gene Summary	HERC4 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM 179710)-like domain (RLD). The 350-amino acid HECT domain is predicte d to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD is predicted to act as a guanine nucleotide exchange factor for small G proteins (Hochrainer et al., 2005 [PubMed 15676274]).[supplied by OMIM
Other Designations	OTTHUMP00000019692

Pathway

- Ubiquitin mediated proteolysis

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Tobacco Use Disorder