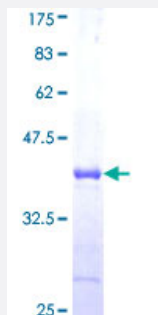


HERC5 (Human) Recombinant Protein (Q01)

Catalog # H00051191-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HERC5 partial ORF (NP_057407, 915 a.a. - 1024 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YDWKTFEKNARYEPGYNSSHTIVMFWKAFHKLLEEKKKFLVFLTGTDRLQMKDLNNMKITFCC PESWNERDPIRALTCFSVLFLPKYSTMETVEEALQEAINNNRGFG
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 — HERC5

Entrez GeneID	51191
GeneBank Accession#	NM_016323
Protein Accession#	NP_057407
Gene Name	HERC5
Gene Alias	CEB1, CEBP1
Gene Description	hect domain and RLD 5
Omim ID	608242
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the HERC family of ubiquitin ligases and encodes a protein with a HECT domain and five RCC1 repeats. Pro-inflammatory cytokines upregulate expression of this gene in endothelial cells. The protein localizes to the cytoplasm and perinuclear region and functions as an interferon-induced E3 protein ligase that mediates ISGylation of protein targets. The gene lies in a cluster of HERC family genes on chromosome 4. [provided by RefSeq]
Other Designations	HECT E3 ubiquitin ligase HECT domain and RCC1-like domain-containing protein 5 cyclin-E binding protein 1