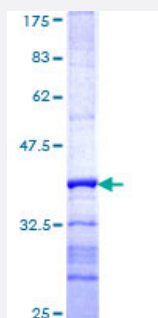


HERC3 (Human) Recombinant Protein (Q01)

Catalog # H00008916-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human HERC3 partial ORF (NP_055421, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLCWGYWSLGQPGISTNLQGVAEPQVCGFISDRSVKEVACGGNHSVFLLEDGEVYTCGLNTKG QLGHEREGNKPEQIGALADQHIIHVACGESHSLSLSDRGQLFSWG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — HERC3

Entrez GeneID [8916](#)

GeneBank Accession# [NM_014606](#)

Protein Accession# [NP_055421](#)

Gene Name HERC3

Gene Alias KIAA0032

Gene Description hect domain and RLD 3

Omim ID [605200](#)

Gene Ontology [Hyperlink](#)

Gene Summary HERC3 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 predicted 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 -

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Tobacco Use Disorder](#)