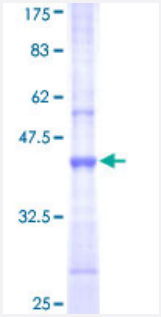
UBR1 (Human) Recombinant Protein (Q01)

Catalog # H00197131-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UBR1 partial ORF (NP_777576, 2 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ADEEAGGTERMEISAELPQTPQRLASWWDQQVDFYTAFLHHLAQLVPEIYFAEMDPDLEKQEESVQMSIFTPLEWYLFGEDPDICLEKLKHSGAFQLCG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — UBR1

Entrez GeneID	197131
GeneBank Accession#	NM_17491
Protein Accession#	NP_777576
Gene Name	UBR1
Gene Alias	JBS, MGC142065, MGC142067
Gene Description	ubiquitin protein ligase E3 component n-recognin 1
Omim ID	243800 605981
Gene Ontology	Hyperlink
Gene Summary	The N-end rule pathway is one proteolytic pathway of the ubiquitin system. The recognition component of this pathway, encoded by this gene, binds to a destabilizing N-terminal residue of a substrate protein and participates in the formation of a substrate-linked multiubiquitin chain. This leads to the eventual degradation of the substrate protein. The protein described in this record has a RING-type zinc finger and a UBR-type zinc finger. Mutations in this gene have been associated with Johanson-Blizzard syndrome. [provided by RefSeq
Other Designations	E3a ligase|ubiquitin ligase E3 alpha-I|ubiquitin-protein ligase E3-alpha

Disease

- Diabetes Mellitus