Recombinant Human UBR1 Protein, GST-tagged

Cat. No. UBR1-08H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human UBR1 partial ORF (NP_777576, 2 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	36.63 kDa
AA Sequence	ADEEAGGTERMEISAELPQTPQRLASWWDQQVDFYTAFLHHLAQLVPEIYFAEMDP DLEKQEESVQMSIFTPLEWYLFGEDPDICLEKLKHSGAFQLCG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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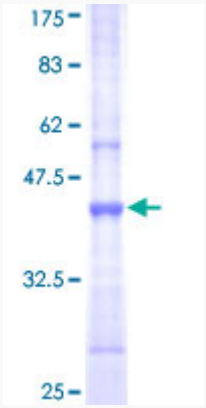
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	UBR1 ubiquitin protein ligase E3 component n-recognin 1 [Homo sapiens (human)]
Official Symbol	UBR1
Synonyms	UBR1; ubiquitin protein ligase E3 component n-recognin 1; JBS; E3 ubiquitin-protein ligase UBR1; E3a ligase; N-recognin-1; RING-type E3 ubiquitin transferase UBR1; ubiquitin ligase E3 alpha-I; ubiquitin-protein ligase E3-alpha; ubiquitin-protein ligase E3-alpha-1; ubiquitin-protein ligase E3-alpha-I; EC 2.3.2.27
Gene ID	197131
mRNA Refseq	NM_174916
Protein Refseq	NP_777576
MIM	605981
UniProt ID	Q8IWV7

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12.5% SDS-PAGE Stained with Coomassie Blue.



Quality Control Testing

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