

Recombinant Human EDEM2 Protein, GST-tagged

Cat. No. EDEM2-3051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDEM2 full-length ORF (AAH01371.1, 1 a.a. - 578 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	In the endoplasmic reticulum (ER), misfolded proteins are retrotranslocated to the cytosol and degraded by the proteasome in a process known as ER-associated degradation (ERAD). EDEM2 belongs to a family of proteins involved in ERAD of glycoproteins (Mast et al., 2005 [PubMed 15537790]).[supplied by OMIM, Mar 2008]
Molecular Mass	91.2 kDa
AA Sequence	MPFRLLIPLGLLCALLPQHGHGAPGPDGSAPDPAHYRERVKAMFYHAYDSYLENAFP FDELRPLTCDGHDTWGSFSLTLIDALDTLLILGNVSEFQRVVEVLQDSVDFDIDVNAS VFETNIRVVGGLLSAHLLSKKAGVEVEAGWPCSGPLLMAEEAARKLLPAFQTPTG MPYGTVNLLHGVNPGETPVTCTAGIGTFIVEFATLSSLTGDPVFEDVARVALMRLWE SRSDIGLVGNHIDVLTGKWVAQDAGIGAGVDSYFEYLVKGAILLQDKKLMAMFLEYN KAIRNYTRFDDWYLVWQMYKGTVSMPVFQSLEAYWPGQLSLIGDIDNAMRTFLNYY TVWKQFGGLPEFYNIPQGYTVEKREGYPLRPELIESAMYLYRATGDPTLLELGRDAV ESIEKISKVECGFATIKDLRDHKLDNRMESFFLAETVKYLYLLFDPTNFIHNNGSTFDT VITPYGECILGAGGYIFNTEAHPIDPAALHCCQRLKEEQWEVEDLMREFYSLKRSRS KFQKNTVSSGPWEPPARPGTLFSPENHDQARERKPAKQKVPLLSCPSQPFTSKLAL

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	LGQVFLDSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	EDEM2 ER degradation enhancer, mannosidase alpha-like 2 [Homo sapiens]
Official Symbol	EDEM2
Synonyms	EDEM2; ER degradation enhancer, mannosidase alpha-like 2; C20orf31, C20orf49, chromosome 20 open reading frame 31; ER degradation-enhancing alpha- mannosidase-like 2; bA4204.1; FLJ10783; ER degradation-enhancing-mannosidase- like protein 2; C20orf31; C20orf49;
Gene ID	55741
mRNA Refseq	NM_001145025
Protein Refseq	NP_001138497
MIM	610302

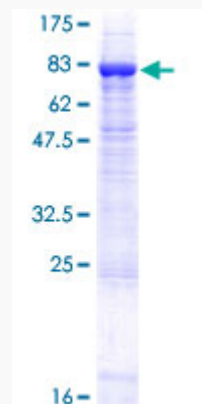
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UniProt ID

Q9BV94

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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