

Recombinant Human EDEM1 Protein, GST-tagged

Cat. No. EDEM1-3050H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDEM1 partial ORF (NP_055489.1, 559 a.a. - 656 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	EDEM1 (ER Degradation Enhancing Alpha-Mannosidase Like Protein 1) is a Protein Coding gene. Among its related pathways are Calnexin/calreticulin cycle and Mechanisms of CFTR activation by S-nitrosoglutathione (normal and CF). GO annotations related to this gene include calcium ion binding and mannosyl-oligosaccharide 1,2-alpha-mannosidase activity. An important paralog of this gene is EDEM2.
Molecular Mass	36.52 kDa
AA Sequence	YLLFDEDNPVHKSGTRYMFTTEGHIVSVDEHLREL PWKEFFSEEGGQDQGGKSVH RPKPHELKVINSSSN CNRVPDERRYS LPLKSIYMRQIDQM VGL
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	EDEM1 ER degradation enhancer, mannosidase alpha-like 1 [Homo sapiens]
------------------	--

Official Symbol	EDEM1
------------------------	-------

Synonyms	EDEM1; ER degradation enhancer, mannosidase alpha-like 1; ER degradation-enhancing alpha-mannosidase-like 1; EDEM; KIAA0212; FLJ51559; FLJ51560;
-----------------	--

Gene ID	9695
----------------	------

mRNA Refseq	NM_014674
--------------------	-----------

Protein Refseq	NP_055489
-----------------------	-----------

MIM	607673
------------	--------

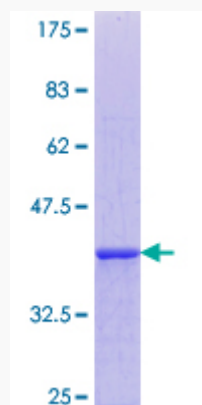
UniProt ID	Q92611
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA