

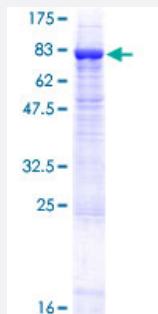
Full-Length

EDEM2 (Human) Recombinant Protein (P01)

Catalog # H00055741-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EDEM2 full-length ORF (AAH01371.1, 1 a.a. - 578 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPFRLLIPLGLLCALLPQHHGAPGPDGSAPDPAHYRERVKAMFYHAYDSYLENAFPFDELRLPTC
DGHDTWGSFSLTLIDALDTLLILGNVSEFQRVVEVLQDSVDFDIDVNASVFETNIRVVGGLLSAHL
SKKAGVEVEAGWPCSGPLLMAEEAARKLLPAFQTPTGMPYGTVNLLHGVNPGETPVTCTAGIG
TFVEFATLSSLTGDPVFEDVARVALMRLWESRSDIGLVGNHIDVLTGKWVAQDAGIGAGVDSYFE
YLVKGAILLQDKKLMAMFLEYNKAIRNYTRFDDWYLWVQMYKGTVSMVPVQSLEAYWPGQLSLIG
DIDNAMRTFLNYYTVWKQFGGLPEFYNIQQGYTVEKREGYPLRPELIESAMYLYRATGDPTLLELGR
DAVESIEKISKVECGFATIKDLRDHKLDNRMESFFLAETVKYLYLLFDPTNFIHNNGSTFDTVITPYG
ECILGAGGYIFNTEAHPIDPAALHCCQRLKEEQWEVEDLMREFYSLKRSRSKFQKNTVSSGPWEP
PARPGTLFSPENHDQARERKPAKQKVPLLSCPSQPFTSKLALLGQVFLDSS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.2

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 — EDEM2

Entrez GeneID[55741](#)**GeneBank Accession#**[BC001371.2](#)**Protein Accession#**[AAH01371.1](#)**Gene Name**

EDEM2

Gene Alias

C20orf31, C20orf49, FLJ10783, bA4204.1

Gene Description

ER degradation enhancer, mannosidase alpha-like 2

Omim ID[610302](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 1553 7790]).[supplied by OMIM]

Other Designations

ER degradation-enhancing-mannosidase-like protein 2|OTTHUMP00000030728