

EDEM1 Blocking Peptide
Catalog # PBV10428b**Specification**

EDEM1 Blocking Peptide - Product Information

Primary Accession	O925U4
Gene ID	192193
Calculated MW	73701

EDEM1 Blocking Peptide - Additional Information**Gene ID** 192193**Application & Usage**

The peptide is used for blocking the antibody EDEM1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

ER degradation-enhancing alpha-mannosidase-like protein 1, Edem1, Edem

Target/Specificity

EDEM1

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

EDEM1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

EDEM1 Blocking Peptide - Protein Information**Name** Edem1**Synonyms** Edem**Function**

Extracts misfolded glycoproteins, but not glycoproteins undergoing productive folding, from the calnexin cycle. It is directly involved in endoplasmic reticulum-associated degradation (ERAD) and

targets misfolded glycoproteins for degradation in an N-glycan- independent manner, probably by forming a complex with SEL1L. It has low mannosidase activity, catalyzing mannose trimming from Man8GlcNAc2 to Man7GlcNAc2.

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein

EDEM1 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EDEM1 Blocking Peptide - Images