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EDEM1 Blocking Peptide
Catalog # PBV10428b

Specification

EDEM1 Blocking Peptide - Product Information

Primary Accession	Q925U4
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

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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 Cytomety
- Cell Culture

EDEM1 Blocking Peptide - Images