

EDEM1 Blocking Peptide

Catalog # PBV10428b

Specification

EDEM1 Blocking Peptide - Product Information

Primary Accession
Gene ID
Calculated MW
Q925U4
192193
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

 $50~\mu g$ (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

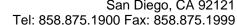
Name Edem1

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EDEM1 Blocking Peptide - Images