

EDEM3 Blocking Peptide
Catalog # PBV10266b**Specification**

EDEM3 Blocking Peptide - Product Information

Primary Accession	O9BZQ6
Gene ID	80267
Calculated MW	104664

EDEM3 Blocking Peptide - Additional Information**Gene ID** 80267**Application & Usage**

The peptide is used for blocking the antibody EDEM3. 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 3, 3.2.1.113, Alpha-1, 2-mannosidase EDEM3, EDEM3, C1orf22

Target/Specificity

EDEM3

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**

EDEM3 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

EDEM3 Blocking Peptide - Protein Information**Name** EDEM3**Synonyms** C1orf22**Function**

Involved in endoplasmic reticulum-associated degradation (ERAD). Accelerates the glycoprotein

ERAD by proteasomes, by catalyzing mannose trimming from Man8GlcNAc2 to Man7GlcNAc2 in the N-glycans (PubMed:25092655). May also participate in mannose trimming from all glycoproteins and not just misfolded ones targeted to ERAD (PubMed:34143952). May have alpha 1,2-mannosidase activity (By similarity).

Cellular Location

Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

EDEM3 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](#)

EDEM3 Blocking Peptide - Images