

For Research Use Only

Recombinant Human UBL3 protein (rFc Tag)



Catalog Number: Eg5932

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human UBL3 protein Met1-Leu117 (Accession# O95164) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
5412

Accession:
O95164

Predicted Molecular Mass:
38.7 kDa

SDS-PAGE:
38-50 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Ubiquitin-like 3 (UBL3)/membrane-anchored Ub-fold protein (MUB) acts as a post-translational modification (PTM) factor to regulate efficient protein sorting to sEVs (small extracellular vesicles).

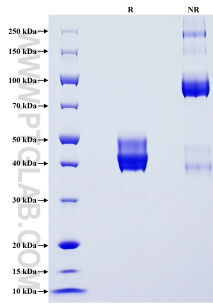
References

1. Ageta, Hiroshi, and Kunihiro Tsuchida. Cellular and molecular life sciences : CMLS vol. 76,24 (2019): 4829-4848.
2. Ageta, Hiroshi et al. Nature communications vol. 9,1 3936. 26 Sep. 2018

Synonyms

Membrane-anchored ubiquitin-fold protein, PNSC1, Protein HCG-1, Ubiquitin-like protein 3

Selected Validation Data



Purity of Recombinant Human UBL3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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