

Datasheet for ABIN7561617
UBE2J1 Protein (AA 1-318) (His tag)



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Overview

Quantity:	1 mg
Target:	UBE2J1
Protein Characteristics:	AA 1-318
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2J1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ube2j1 Protein expressed in mammalian cells.
Sequence:	METRYNLKSP AVKRLMKEAA ELKDPTDHYH AQPLEDNLFE WHFTVRGPPD SFDGGVYHG RIVLPPEYPM KPSSIILLTA NGRFEVGKKI CLSISGHHPE TWQPSWSIRT ALLAIIGFMP TKGEGAIGSL DYTPEERRAL AKKSQDFCCE GCGSAMKDVL LPLKSGSGSS QADQEAKELA RQISFKAEVN SSGKTIAESD LNQCFSLNDS QDDLPTTFQG ATASTSYGAQ NPSGAPLPQP TQPAPKNTSM SPRQRAQQQ SQRRPSTSPD VLQGQPPRAH HTEHGGSAML IIILTLALAA LIFRRIYLAN EYIFDFEL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	UBE2J1
Alternative Name:	Ube2j1 (UBE2J1 Products)
Background:	Ubiquitin-conjugating enzyme E2 J1 (EC 2.3.2.23) (E2 ubiquitin-conjugating enzyme J1) (Non-canonical ubiquitin-conjugating enzyme 1) (NCUBE-1),FUNCTION: Catalyzes the covalent attachment of ubiquitin to other proteins. Functions in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum (ERAD) and is essential for cells to recover from ER stress. Plays a role in MAPKAPK2-dependent translational control of TNF-alpha synthesis. Acts also as a platform for perinuclear positioning of the endosomal system by mediating ubiquitination of SQSTM1 through interaction with the E3 ubiquitin-protein ligase RNF26. Plays a role in male fecundity through the interaction with the E3 ubiquitin-protein ligase RNF133 (PubMed:35831855). {ECO:0000250 UniProtKB:Q9Y385, ECO:0000269 PubMed:35831855}.
Molecular Weight:	35.0 kDa
UniProt:	Q9JJZ4

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
