

Datasheet for ABIN7548016

GMCL1 Protein (AA 1-515) (His tag)



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Overview

Quantity:	1 mg
Target:	GMCL1
Protein Characteristics:	AA 1-515
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GMCL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GMCL1 Protein expressed in mammalian cells.
Sequence:	<p> MGSLSRVLR QRPALAAQA QGARAGGSAR RPD TGDDAAG HGFCYCAGSH KRKRSSGSFC YCHPDSETDE DEEEGDEQQR LLNTPRRKKL KSTSKYIYQT LFLNGENSDI KICALGEEWS LHKIYLCQSG YFSSMFSGSW KESSMNIIEI EIPDQNIQVE ALQVAFGSLY RDDVLIKPSR VVAILAAACL LQLDGLIQQC GETMKETVNV KTVCGYYTSA GTYGLDSVKK KCLEWLLNNL MTHQNVLEFK ELSINVMKQL IGSSNLFVMQ VEMDIYTALK KWMFLQLVPS WNGSLKQLLT ETDVWFSKQR KDFEGMAFLE TEQGKPFVSV FRHLRLQYII SDLASARIIE QDAVVPSEWL SSVYKQWFA MLRAEQDSEV GPQEINKEEL EGNSMRCGRK LAKDGEYCWR WTGFNFGFDL LVITYTNRYII FKRNTLNQPC SGSVSLQPRR SIAFRLRLAS FDSSGKLICS RTTGYQILTL EKDQEQVVMN LDSRLIFPL YICCNFLYIS PEKKN </p> <p>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.</p>

Product Details

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GMCL1
Alternative Name:	GMCL1 (GMCL1 Products)
Background:	Germ cell-less protein-like 1 (Spermatogenesis-associated protein 29),FUNCTION: Possible function in spermatogenesis. Enhances the degradation of MDM2 and increases the amount of p53 probably by modulating the nucleocytoplasmic transport (By similarity). {ECO:0000250}.
Molecular Weight:	58.7 kDa
UniProt:	Q96IK5

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