Datasheet for ABIN7547438

F162A Protein (AA 1-154) (His tag)

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Overview

Quantity:	1 mg
Target:	F162A (FAM162A)
Protein Characteristics:	AA 1-154
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This F162A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FAM162A Protein expressed in mammalian cells.
Sequence:	MGSLSGLRLA AGSCFRLCER DVSSSLRLTR SSDLKRINGF CTKPQESPGA PSRTYNRVPL HKPTDWQKKI LIWSGRFKKE DEIPETVSLE MLDAAKNKMR VKISYLMIAL TVVGCIFMVI EGKKAAQRHE TLTSLNLEKK ARLKEEAAMK AKTE **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: • 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

Product Details

	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:	F162A (FAM162A)
Alternative Name:	FAM162A (FAM162A Products)
Background:	Protein FAM162A (E2-induced gene 5 protein) (Growth and transformation-dependent protein) (HGTD-P),FUNCTION: Proposed to be involved in regulation of apoptosis, the exact mechanism may differ between cell types/tissues (PubMed:15082785). May be involved in hypoxia-induced cell death of transformed cells implicating cytochrome C release and caspase activation (such as CASP9) and inducing mitochondrial permeability transition (PubMed:15082785). May be involved in hypoxia-induced cell death of neuronal cells probably by promoting release of AIFM1 from mitochondria to cytoplasm and its translocation to the nucleus, however, the involvement of caspases has been reported conflictingly (By similarity). {ECO:0000250|UniProtKB:Q9D6U8, ECO:0000269|PubMed:15082785}.
Molecular Weight:	17.3 kDa
UniProt:	Q96A26
Pathways:	Positive Regulation of Endopeptidase Activity, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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

