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Datasheet for ABIN7544653

TMEM54 Protein (AA 1-222) (His tag)

Overview

Quantity:	1 mg
Target:	TMEM54
Protein Characteristics:	AA 1-222
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM54 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM54 Protein expressed in mammalian cells.
Sequence:	MCLRLGGLSV GDFRKVLMKT GLVLVVLGHV SFITAALFHG TVLRYVGTGPQ DAVALQYCVV NILSVTSAIV VITSGIAAIV LSRYPSTPL RWTVFSSVA CALLSLTCAL GLLASIAMTF ATQ GKALLAA CTFGSELLA LAPDCPFDPPT RIYSSSLCLW GIALVLCVAE NVFAVRCAQL THQLLELRPW WGKSSHMMR ENPELVEGRD LLSCTSSEPL TL 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	TMEM54
Alternative Name:	TMEM54 (TMEM54 Products)
Background:	Transmembrane protein 54 (Beta-casein-like protein) (Protein CAC-1)
Molecular Weight:	23.8 kDa
UniProt:	Q969K7

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.

Handling

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months