

Datasheet for ABIN7547366
TM7SF2 Protein (AA 1-418) (His tag)



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Overview

Quantity:	1 mg
Target:	TM7SF2
Protein Characteristics:	AA 1-418
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TM7SF2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TM7SF2 Protein expressed in mammalian cells.
Sequence:	<p>MAPTQGPRAP LEFGGPLGAA ALLLLLPTM FHLLLAARSG PARLLGPPAS LPGLEVLWSP RALLLWLAWL GLQAALYLLP ARKVAEGQEL KDKSRLRYPI NGFQALVLTALLVGLGMSAG LPLGALPEML LPLAFVATLT AFIFSLFLYM KAQVAPVSAL APGGNSGNPI YDFFLGRELN PRICFFDFKY FCELRPGLIG WVLINLALLM KEAELRGSPS LAMWLVNGFQ LLYVGDALWH EEAVLTMDI THDGFGLMLA FGDMAWVPFT YSLQAQFLLH HPQPLGLPMA SVICLINATG YYIFRGANSQ KNTFRKNPSD PRVAGLETIS TATGRKLLVS GWWGMVRHPN YLGDLMIALA WSLPCGVSHL LPYFYLLYFT ALLVHREARD ERQCLQKYGL AWQEYCRRVP YRIMPYIY 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>
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.

Product Details

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 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:

TM7SF2

Alternative Name:

TM7SF2 ([TM7SF2 Products](#))

Background:

Delta(14)-sterol reductase TM7SF2 (Delta-14-SR) (EC 1.3.1.70) (3-beta-hydroxysterol Delta (14)-reductase) (Another new gene 1 protein) (C-14 sterol reductase) (C14SR) (Putative sterol reductase SR-1) (Sterol C14-reductase) (Transmembrane 7 superfamily member 2),FUNCTION: Catalyzes the reduction of the C14-unsaturated bond of lanosterol, as part of the metabolic pathway leading to cholesterol biosynthesis. {ECO:0000269|PubMed:16784888}.

Molecular Weight:

46.4 kDa

UniProt:

[O76062](#)

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