

Datasheet for ABIN7544809

TSPAN33 Protein (AA 1-283) (His tag)



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Overview

Quantity:	1 mg
Target:	TSPAN33
Protein Characteristics:	AA 1-283
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSPAN33 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TSPAN33 Protein expressed in mammalian cells.
Sequence:	<p>MARRPRAPAA SGEEFSFVSP LVKYLLFFFN MLFWVISMVM VAVGVYARLM KHAEALACL</p> <p>AVDPAILLIV VGVLMFLLTF CGCIGSLREN ICLLQTFSLC LTAVFLLQLA AGILGFVFSD KARGKVSEII</p> <p>NNAIVHYRDD LDLQNLIDFG QKKFSCCGGI SYKDWSQNMY FNCSEDNPSR ERCSVPYSCC</p> <p>LPTPDQAVIN TMCQGGMQAF DYLEASKVIY TNGCIDKLVN WIHSNLFLLG GVALGLAIPQ</p> <p>LVGILLSQIL VNQIKDQIKL QLYNQHRAD PWY Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>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.
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:	TSPAN33
Alternative Name:	TSPAN33 (TSPAN33 Products)
Background:	<p>Tetraspanin-33 (Tspan-33) (Penumbra) (hPen) (Proerythroblast new membrane),FUNCTION: Part of TspanC8 subgroup, composed of 6 members that interact with the transmembrane metalloprotease ADAM10. This interaction is required for ADAM10 exit from the endoplasmic reticulum and for enzymatic maturation and trafficking to the cell surface as well as substrate specificity. Different TspanC8/ADAM10 complexes have distinct substrates (PubMed:26686862, PubMed:30463011, PubMed:37516108). Plays an important role in normal erythropoiesis (By similarity). It has a role in the differentiation of erythroid progenitors (By similarity). Negatively regulates ligand-induced Notch activity probably by regulating ADAM10 activity (PubMed:26686862). Mediates docking of ADAM10 to zonula adherens by interacting with ADAM10 and, in a PDZD11-dependent manner, with the zonula adherens protein PLEKHA7 (PubMed:30463011). {ECO:0000250 UniProtKB:Q8R3S2, ECO:0000269 PubMed:26686862, ECO:0000269 PubMed:30463011, ECO:0000269 PubMed:37516108}.</p>
Molecular Weight:	31.5 kDa
UniProt:	Q86UF1

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