

Datasheet for ABIN7545170

Membrane transport protein XK (XK) (AA 1-444) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Membrane transport protein XK (XK)
Protein Characteristics:	AA 1-444
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant XK Protein expressed in mammalian cells.
Sequence:	MKFPASVLAS VFLFVAETTA ALSLSSTYRS GGDRMWQALT LLFSL LPCAL VQLTLLFVHR DLSRDRPLVL LLHLLQLGPL FRCFEVFCIY FQSGNNEEPY VSITKKRQMP KNGLSEEIEK EVGQAEGLI THRSAFSRAS VIQAFLGSAP QLTQLYISV MQQDVTVGRS LLMTISLLSI VYGALRCNIL AIKIKYDEYE VKVKPLAYVC IFLWRSFEIA TRVVVLVLF SVLKTWVVVI ILINFFSFFL YPWILFWCSG SPFPENIEKA LSRVGTIVL CFLTLLYTG NMFCWSAVQL KIDSPDLISK SHNWYQLLVY YMIRFIENAI LLLLWYLFKT DIYMYVCAPL LVLQLLIGYC TAILFMLVFY QFFHPCKKLF SSSVSEGFQR WLRCFCWACR QQKPCEPIGK EDLQSSRDRD ETPSSSKTSP EPGQFLNAED LCSA 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.

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.
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Membrane transport protein XK (XK)
Alternative Name:	Membrane transport protein XK (XK Products)
Background:	Endoplasmic reticulum membrane adapter protein XK (Kell complex 37 kDa component) (Kx antigen) (Membrane transport protein XK) (XK-related protein 1),FUNCTION: Recruits the lipid transfer protein VPS13A from lipid droplets to the endoplasmic reticulum (ER) membrane. {ECO:0000269 PubMed:32845802}.
Molecular Weight:	50.9 kDa
UniProt:	P51811

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