

Datasheet for ABIN7558502

GLUT12 Protein (AA 1-622) (His tag)



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Overview

Quantity:	1 mg
Target:	GLUT12 (SLC2A12)
Protein Characteristics:	AA 1-622
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLUT12 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc2a12 Protein expressed in mammalian cells.
Sequence:	MVPVENTEGP NLLNQKGRE A ETEGSCGASG GGHPACAGGP SMFTFLTSVT AAISGLLVGY ELGLISGALL QIRTLALTC HEQEMVVSSL LIGAFLASLT GVLIDRYGR RLAILSSCL LGLGSLVLIM SLSYTLIMG RVAIGVSISL SSIATCVYIA EIAPQHRRGL LVSLNELMIV TGILFAYISN YAFANISNGW KYMFGGLVIPL GVLQAIAMYF LPPSPRFLVM KGQESAGKV LRKLRVISDT TEELTLIKSS LKDEYQYSFW DLFRSKDNMR TRILIGLTLV FFVQTTGQPN ILFYASTVLK SVGFQSNEAA SLASTGVGVV KVVSTIPATL LVDHIGSKTF LCIGSSVMSA SLLTMGIVNL NINMNFTNIC RSHSLNQSL EEFVYATGN LSISNSSLRE HFKRITPYSK GSFMPMGNGM EPKGEMTFTS SLPNAGLSRT EHQGVTD TAV VPAAYKWLSL ASLLVYVAAF SIGLGPM PWL VLSEIFPGGI RGRAMALTSS MNWGVNLLIS LTFLTVDLI GLSWVCFIYT IMSLASLAFV VLFIPETKGC SLEQISVELA KANYVKNNIC FMSHHQEELV PTQLQKRKPQ EQLPECNHL C GRGQSQRPS P DT 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.
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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).
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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)
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Grade:	custom-made
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Target Details

Target:	GLUT12 (SLC2A12)
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Alternative Name:	Slc2a12 (SLC2A12 Products)
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Background:	Solute carrier family 2, facilitated glucose transporter member 12 (Glucose transporter type 12) (GLUT-12),FUNCTION: Insulin-independent facilitative glucose transporter. {ECO:0000269 PubMed:23041416}.
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Molecular Weight:	67.3 kDa
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UniProt:	Q8BFW9
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Pathways:	Warburg Effect
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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