

Datasheet for ABIN7562870

CD235a/GYPA Protein (AA 1-168) (His tag)



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Overview

Quantity:	1 mg
Target:	CD235a/GYPA (GYPA)
Protein Characteristics:	AA 1-168
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD235a/GYPA protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Gypa Protein expressed in mammalian cells.
Sequence:	<p>MTESTAAVTT SGHSLTTTFH IPSSQHYQEE HSPSLSGSDS LLQITTPVVA STVGNNPNQHS</p> <p>ATMSTPAIHV STYHTAPTEV SAAFEEQPVS PHIGGMPSPI QHDFPALVMI LIILGVMAGI</p> <p>IGTILLISYC ISRMTKKSSV DIQSPEGGDN SVPLSSIEQT PNEESSNV 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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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

Product Details

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)
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Grade:	custom-made
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Target Details

Target:	CD235a/GYPA (GYPA)
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Alternative Name:	Gypa (GYPA Products)
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Background:	<p>Glycophorin-A (CD antigen CD235a),FUNCTION: Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane.</p> <p>Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane.</p> <p>{ECO:0000250 UniProtKB:P02724}.</p>
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Molecular Weight:	17.7 kDa
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UniProt:	P14220
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Pathways:	Maintenance of Protein Location
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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.
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Restrictions:	For Research Use only
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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