

Datasheet for ABIN7556788

**Secretory Blood Group 1 Protein (SEC1) (AA 1-368) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Secretory Blood Group 1 (SEC1)
Protein Characteristics:	AA 1-368
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Secretory Blood Group 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Sec1 Protein expressed in mammalien cells.
Sequence:	<p>MPSDSCLLSL TVLQRLRAIC PPLSTFYLFF VIFVSTIFH CHRRGLVPA PWASPSLVVF PPRHMPREGM FTIRVKGRLG NQMGEYATLF ALARMNGRLA FIPASMHSTL APIFRISLPV LHSDTAKRIP WQNYHLNDWM EERYRHIPGH YVRFTGYPCS WTFYHHLRPE ILKEFTLHDH VREEAQAFRL GLQVNGSQPS TFGVHVRRG DYVRVMPKVV KGVVADRGYL EKALDRFRAR YSSPVFVTS DDMAWCRKSI TASRGDVAFA GNGLQGSPAK DIALLMQCNH TVITLGTFGI WAAYLTGGDT VYLANFTQPN SPFHVFKPE AAYLPEWVGI AADLGQPNTV GSGHASARAP KRHWGALL <b>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.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- 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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	Secretory Blood Group 1 (SEC1)
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Alternative Name:	Sec1
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Background:	Galactoside 2-alpha-L-fucosyltransferase Sec1 (EC 2.4.1.-) (Alpha(1,2)FT 3) (GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 3) (Secretory blood group protein 1),FUNCTION: Catalyzes the transfer of alpha 1,2-linked fucose to ganglioside GM1 and galacto-N-biose (By similarity). {ECO:0000250 UniProtKB:Q9TTY3}.
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Molecular Weight:	41.5 kDa
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UniProt:	<a href="#">P97353</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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

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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