



[Go to Product page](#)

Datasheet for ABIN7275676

ST3GAL4 Protein (AA 41-333) (HA tag,His tag)

1 Image

Overview

Quantity:	100 µg
Target:	ST3GAL4
Protein Characteristics:	AA 41-333
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL4 protein is labelled with HA tag,His tag.

Product Details

Purpose:	Human ST3GAL4 Protein
Sequence:	Glu41-Phe333
Characteristics:	Recombinant Human ST3GAL4 Protein is expressed from HEK293 with His tag at the C-Terminus and HA at the N-Terminus.It contains Glu41-Phe333.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ST3GAL4
Alternative Name:	ST3GAL4 (ST3GAL4 Products)

Target Details

Background:	ST3GAL4 gene expression is altered in different cancer types, including cervical cancer. Several mRNA transcripts have been reported for this gene. ST3GAL4 encodes for β -galactosidase α -2,3-sialyltransferase 4, involved in the biosynthesis of the tumour antigens sLe(x) and sulfo-sLe(x).
Molecular Weight:	35.4 kDa. Due to glycosylation, the protein migrates to 48-53 kDa based on Tris-Bis PAGE result.
UniProt:	Q11206
Pathways:	Glycosaminoglycan Metabolic Process

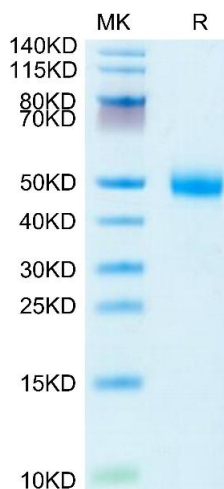
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 μ m filtered solution in 20 mM Tris, 500 mM NaCl (pH 7.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human ST3GAL4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .