

Human ST3GAL4 Protein

Cat. No. ST3-HM1L4HA

Description

Source	Recombinant Human ST3GAL4 Protein is expressed from Expi293 with His tag at the C-terminal and HA at the N-terminal. It contains Glu41-Phe333.
Accession	Q11206.1
Molecular Weight	The protein has a predicted MW of 35.4 kDa. Due to glycosylation, the protein migrates to 48-53 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

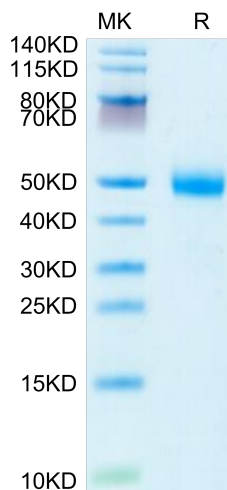
Formulation	Supplied as 0.22 μm filtered solution in 20mM Tris, 500mM NaCl (pH 7.5). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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 2,3sialyltransferase 4, involved in the biosynthesis of the tumour antigens sLe(x) and sulfosLe(x).

Assay Data

Tris-Bis PAGE



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