

Datasheet for ABIN5505775  
**ST8SIA4 Protein (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	50 µg
Target:	ST8SIA4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST8SIA4 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Purified recombinant protein of Human ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 (ST8SIA4), transcript variant 2 , full length, with N-terminal HIS tag, expressed in E.coli, 50 µg (full length, N-term HIS tag, transcript variant 2) protein expressed in E.coli.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	ST8SIA4
Alternative Name:	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 ( <a href="#">ST8SIA4 Products</a> )
Background:	Catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of

## Target Details

	polysialic acid (PSA), which is present on the embryonic neural cell adhesion molecule (N-CAM), necessary for plasticity of neural cells. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	19.1 kDa
NCBI Accession:	<a href="#">NP_778222</a>

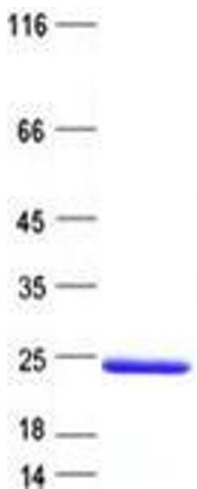
## Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

## Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot