

Product datasheet for **AR51855PU-N**

CD75 / ST6GAL1 (27-406, His-tag) Human Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | CD75 / ST6GAL1 (27-406, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSKEKKKGS YYDSFKLQTK EFQVLKSLGK LAMGSDSQSV SSSSTQDPHR GRQTLGSLRG LAKAKPEASF QVWNKDSSSK NLIPRLQKIW KNYLSMNKYK VSYKGP GPGI KFSAEALRCH LRDHVNVMV EVDFFPNTS EWEGYLPKES IRTKAGPWGR CAVVSSAGSL KSSQLGREID DHDVLRFNG APTANFQQDV GTKTTIRLMN SQLVTTEKRF LKDSLYNEGI LIVWDPSVYH SDIPKWYQNP DYNFFNYYKT YRKLHPNQPF YILKPQMPWE LWDILQEISP EEIQPNPPSS GMLGIIIMMT LCDQVDIYEF LPSKRKTDVC YYYQKFFDSA CTMGAYHPLL YEKNLVKHLN QGTDEDIYLL GKATLPGFRT IHC |
| Tag: | His-tag |
| Predicted MW: | 46 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.0) containing 10% glycerol |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human ST6GAL1, fused to His-tag at N-terminus, was expressed in E.coli. |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_001340845 |
| Locus ID: | 6480 |
| Cytogenetics: | 3q27.3 |
| Synonyms: | SIAT1; ST6Gall; ST6N |



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Summary:

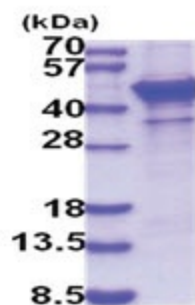
This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017]

Protein Families:

Secreted Protein

Protein Pathways:

Metabolic pathways, N-Glycan biosynthesis

Product images:

15% SDS-PAGE (3ug)