

Product datasheet for **AR52065PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	CD75 / ST6GAL1 (27-406, His-tag) human protein, 50 µg
Species:	Human
Expression cDNA Clone or AA Sequence:	ADPKEKKKGS YYDSFKLQTK EFQVLKSLGK LAMGSDSQSV SSSSTQDPHR GRQTLGSLRG LAKAKPEASF QVWNKDSSSK NLIPRLQKIW KNYLSMNKYK VSYKGP GPGI KFSAEALRCH LRDHVNVMV EVTDFPFNTS EWEGYLPKES IRTKAGPWGR CAVVSSAGSL KSSQLGREID DHDAVLRFNG APTANFQQDV GTKTTIRLMN SQLVTTEKRF LKDSLYNEGI LIVWDPSVYH SDIPKWYQNP DYNFFNYYKT YRKLHPNQPF YILKPQMPWE LWDILQEISP EEIQNPPSS GMLGIIIMMT LCDQVDIYEF LPSKRKTDVC YYYQKFFDSA CTMGAYHPLL YEKNLVKHLN QGTDEDIYLL GKATLPGFRT IHCHHHHHH
Tag:	His-tag
Predicted MW:	44.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
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:

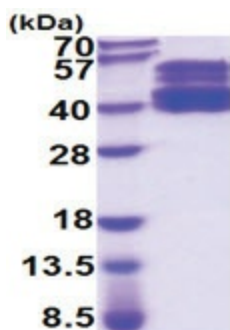
This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to 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)