

## Product datasheet for **TP316693**

### CD98 (SLC3A2) (NM\_001012664) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 (SLC3A2), transcript variant 5, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216693 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MELQPPEASIAVVSIPRQLPGSHSEAGVQGLSAGDDSGTMSQDTEVDMKEVELNELEPEKQPMNAASGAA  
MSLAGAEKNGLVKIKVAEDEAEAAAAAKFTGLSKEELLKVAGSPGWVTRWALLLLFWLGLWLAGAVV  
IIVRAPRCRELPQKWWHTGALYRIGDLQAFQGHGAGNLAGLKGRLDYLSLKVGLVGLPIHKNQKDDV  
AQTDLLQIDPNFGSKEDFDSLLQSAKKKSIRVILDLPNRYGENSWFSTQVDTVATKVKDALEFWLQAGV  
DGFQVRDIENLKDASSFLAEWQNITKGFSEDRLLIAGTNSSDLQQILSLLSNKDLLLSSYLSDSGSTG  
EHTKSLVTQYLNATGNRWCSWSLSQARLLTSFLPAQLRLRYQLMLFTLPGTPVFSYGD EIGLDAALPGQ  
PMEAPVMLWDESSFPDIPGAVSANMTVKGQSEDPGSLLSLFRRLSDQRSKERSLLHGDFHAFSAGPGLFS  
YIRHWDQNERFLVWLNFGDVGLSAGLQASDLPASASLPAKADLLLSTQPGREEGSPLELERLKLEPHEGL  
LLRFPYAA

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

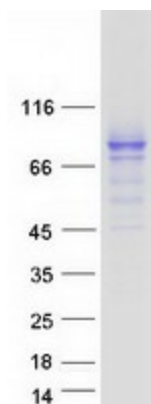
Tag:	C-Myc/DDK
Predicted MW:	61.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001012682</a>
<b>Locus ID:</b>	6520
<b>UniProt ID:</b>	<a href="#">P08195</a>
<b>RefSeq Size:</b>	2161
<b>Cytogenetics:</b>	11q12.3
<b>RefSeq ORF:</b>	1704
<b>Synonyms:</b>	4F2; 4F2HC; 4T2HC; CD98; CD98HC; MDU1; NACAE
<b>Summary:</b>	This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized. [provided by RefSeq, Nov 2010]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified SLC3A2 protein (Cat# TP316693). The protein was produced from HEK293T cells transfected with SLC3A2 cDNA clone (Cat# [RC216693]) using MegaTran 2.0 (Cat# [TT210002]).