

Product datasheet for **TP315616M**

ZnT1 (SLC30A1) (NM_021194) Human Recombinant Protein

Product data:

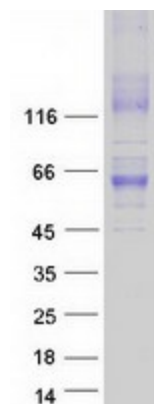
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 30 (zinc transporter), member 1 (SLC30A1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215616 representing NM_021194 Red =Cloning site Green =Tags(s)
	<p>MGCWGRNRGRLLCMLALTFMFMVLEVVSRTSSLAMLSDSFHMLSDVLALVVALVAERFARRTHATQK N TFGWIRAEVMGALVNAIFLTGLCFAILLEAIERFIEPHEMQQPLVVLGVGVAGLLVNVGLCLFHHHSGF SQDSGHGSHGGHGHGHLPGKPRVKSTRPGSSDINVAPGEQGPDQEETNTLVANTSNSNGLKLPAD PE NPRSGDTVEVQVNGNLVREPDHMELEEDRAGQLNMRGVFLHVLGDALGSVIVVNALVFYFSWKGCE GD FCVNPCFPDPCKAFVEIINSTHASVYEAGPCWVLYLDPTLCVVMVCILLYTTYPLLKESALILLQTPVKQ IDIRNLIKELRNVEGVVEVHELHVWQLAGSRIIATAHIKCEDPTSYMEVAKTIKDVFNHGHGIHATTIQPE FASVGSKSSVPCELACRTQCALKQCCGTLQAPSGKDAEKTPAVSISCLELSNNLEKKPRRTKAENIPA VVEIKNMPNKQPESSL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	55.1 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.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_067017</u>
Locus ID:	7779
UniProt ID:	<u>Q9Y6M5</u>
RefSeq Size:	2034
Cytogenetics:	1q32.3
RefSeq ORF:	1521
Synonyms:	ZNT1; ZRC1
Summary:	May be involved in zinc transport out of the cell.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified SLC30A1 protein (Cat# [TP315616]). The protein was produced from HEK293T cells transfected with SLC30A1 cDNA clone (Cat# [RC215616]) using MegaTran 2.0 (Cat# [TT210002]).