

## Product datasheet for **TP315616**

### ZnT1 (SLC30A1) (NM\_021194) Human Recombinant Protein

#### Product data:

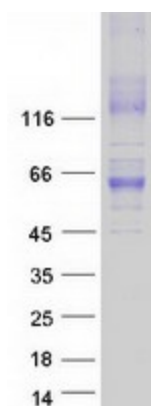
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 30 (zinc transporter), member 1 (SLC30A1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215616 representing NM_021194 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGCWGRNRGRLLCMLALTFMFMVLEVVSRVTSSLAMLSDSFHMLSDVLAALVVAERFARRTHATQKN TFGWIRAIEVMGALVNAIFLTGLCFAILLEAIERFIEPHEMQQLVVLGVGVAGLLVNLGLCLFHHHSGF SQDSGHGHSHGGHGHGHLPGKPRVKSTRPGSSDINVAPGEQGPDQEETNTLVANTSNSNGLKLDPADPE NPRSGDTVEVQVNGNLVREPDHMELEEDRAGQLNMRGVFLHVLGDALGSVIVVNALVFYFSWKGKCEGD FCVNPCFPDPCKAFVEIINSTHASVYEAGPCWWLYLDPTLCWVMCILLYTTYPLLKESALILLQTVPKQ IDIRNLIKELRNVEGVVEVHELHVWQLAGSRIATAHIKCEDPTSYMEVAKTIKDVFNHGIHATTIQPE FASVGSKSSVPCELACRTQCALKQCCGTLQPAPSGKDAEKTPAVSISCLELNNLEKKPRRTKAENIPA VVEIKNMPNKQPESSL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></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.
Storage:	Store at -80°C.



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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:	<a href="#">NP_067017</a>
Locus ID:	7779
UniProt ID:	<a href="#">Q9Y6M5</a>
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]).