

Product datasheet for PH315616

ZnT1 (SLC30A1) (NM_021194) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SLC30A1 MS Standard C13 and N15-labeled recombinant protein (NP_067017)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215616
Predicted MW:	55.1 kDa
Protein Sequence:	>RC215616 representing NM_021194 Red =Cloning site Green =Tags(s)

MGCWGRNRGRLLCMLALTFMFMVLEVVSRTSSLAMLSDSFHMLSDVLALVVALVAERFARRTHATQKN
 TFGWIRAEVMGALVNAIFLTGLCFAILLEAIERFIEPHEMQQPLVVLGVGVAGLLVNLGLCLFHHHSGF
 SQDSGHGSHGGHGHGHLPGKPRVKSTRPGSSDINVAPGEQGPDQEETNTLVANTSNSNGLKLDPADPE
 NPRSGDTVEVQVNGNLVREPDHMELEEDRAGQLNMRGVFLHVLGDALGSVIVVVALVFYFSWKGCEGD
 FCVNPFCFDPCKAFVEIINSTHASVYEAGPCWVLYLDPTLCVVMVCILLYTTYPLLKESALILLQTPVKQ
 IDIRNLIKELRNVEGVVEEVHELHVWQLAGSRIIATAHIKCEDPTSYMEVAKTIKDVFNHGIHATTIQPE
 FASVGSKSSVPCELACRTQCALKQCCGTLQPAPSGKDAEKTPAVSISCLELSNNLEKKPRRTKAENIPA
 VVIEIKNMPNKQPESSL

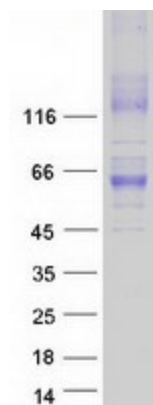
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_067017</u>
RefSeq Size:	2034
RefSeq ORF:	1521


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Synonyms:	ZNT1; ZRC1
Locus ID:	7779
UniProt ID:	Q9Y6M5
Cytogenetics:	1q32.3
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]).