

## Product datasheet for TP309463L

### SLC39A4 (NM\_130849) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 39 (zinc transporter), member 4 (SLC39A4), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209463 protein sequence Red=Cloning site Green=Tags(s)

MASLVLSLELGLLLAVLWVTATASPPAGLLSLLTSGQGALDQEALGGLLNTLADRVHCTNGPCGKCLSVED  
ALGLGEPEGSGLPVLEARYVARLSAAVLYLSNPEGTCESTRAGLWASHADHLLALLESPKALTPGL  
SWLLQRMQARAAGQTPKTACVDIPQLLEEAVGAGAPGSAGGVLAALLDHVRSRGSCFHALPSPQYFVDFVF  
QQHSSEVPMTLAELSALMQRLGVGREAHSDHSHRHRGASSRDPVPLISSNSSSSVWDTVCLSARDVMAAY  
GLSEQAGVTPEAWAQLSPALLQQQLSGACTSQSRPPVQDQLSQSERYLYGSLATLLICLCAVFGLLLLTC  
TGCRGVTHYILQTFSLAVGALTGDAVLHLTPKVLGLHHTHSEEGLSQPQPTWRLLAMLGLYAFFLFENLF  
NLLLPRDPEDLEDGPCGHSSSHSHGGHSHGVSLQLAPSELRQPKPHEGSRADLVAEESPELLNPEPRRLS  
PELRLLPYMITLGDVHNFADGLAVGAAFASSWKTGLATSLAVFCHELPHELGDFAALLHAGLSVRQALL  
LNLASALTAFAGLYVALAVGVSEESEAWILAVATGLFLYVALCDMLPAMLKVRDPRPWLLFLLHNVGLLG  
GWTVLLLLSLYEDDITF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	68.2 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:** [NP\\_570901](#)

**Locus ID:** 55630

**UniProt ID:** [Q6P5W5](#)

**RefSeq Size:** 2198

**Cytogenetics:** 8q24.3

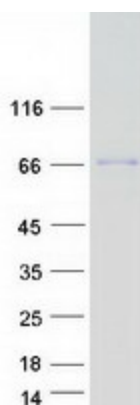
**RefSeq ORF:** 1941

**Synonyms:** AEZ; AWMS2; ZIP4

**Summary:** This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SLC39A4 protein (Cat# [TP309463]). The protein was produced from HEK293T cells transfected with SLC39A4 cDNA clone (Cat# [RC209463]) using MegaTran 2.0 (Cat# [TT210002]).