

Product datasheet for PH309463

SLC39A4 (NM_130849) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SLC39A4 MS Standard C13 and N15-labeled recombinant protein (NP_570901)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209463
Predicted MW:	68.5 kDa
Protein Sequence:	>RC209463 protein sequence Red=Cloning site Green=Tags(s)

MASLVSLLELGLLLAVLVVTATASPPAGLLSLLTSGQGALDQEALGGLLNTLADRVHCTNGPCGKCLSVED
ALGLGEPESGLPPGPVLEARYVARLSAAAVLYLSNPEGTCESTRAGLWASHADHLLALLESPKALTPGL
SWLLQRMQARAAGQTPKTACVDIPQLLEEAVGAGAPGSAGGVLAALLDHVRSKSCFHALPSPQYFVDFVF
QQHSSEVPMTLAEL SALMQRLGVGREAHSDHSHRHRGASSRDPVPLISSNSSSVWDTVCL SARDVMAAY
GLSEQAGVTPEAWAQLSPALLQQQLSGACTSQSRPPVQDQLSQSERYLYGSLATLLICLCAVFGLLLLTC
TGCRGVTHYILQTFSLAVGALTGDAVLHLTPKVLGLHTHSEEGLSPOPTWRLLAMLGLYAFFLFENLF
NLLLPRDPEDLEGGPCGHSSSHGGHSHGVSLQLAPSELRQPKPPHEGSRADLVAEESPELLNPEPRRLS
PELRLLPYMITLGDVHNFAADGLAVGAFASSWKTGLATSLAVFCHELPHELGDFAALLHAGLSVRQALL
LNLASALTAFAGLYVALAVGVSEESEAWILAVATGLFLYVALCDMLPAMLKVRDRPRLWLLFLLHNVGLLG
GWTVLLLLLSLYEDDITF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_570901</u>
RefSeq Size:	2198



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RefSeq ORF: 1941

Synonyms: AEZ; AWMS2; ZIP4

Locus ID: 55630

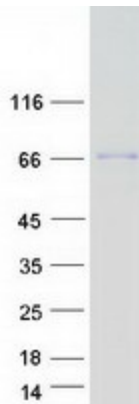
UniProt ID: [Q6P5W5](#)

Cytogenetics: 8q24.3

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]).