

Product datasheet for TP505416

Slc9a3r1 (NM_012030) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 (Slc9a3r1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205416 protein sequence Red =Cloning site Green =Tags(s)
	MSADAAAGEPLPRLCCLEKGPNGYGFHLHGEKGVGQFIRLVEPGSPAEEKSGLLAGDRLVEVNGENVEKE THQQVVSRIRAALNAVRLVDPETDERLKKLGVSIRELLRPQEKSEQAEPAAADTHEAGDQNEAEKS HLRELRLPRLCTMKKGPNGYGFNLHSDKSKPGQFIRAVDPDSPAESGLRAQDRIVEVNGVCMEGKQHGDV VSAIKGGGDEAKLLWVKETDEFFKKCKVIPSQEHLDGPLPEPFSNGEIQKSSREALVEPASESPRPAL ARSASDSTSEELNSQDSPKRQVSTEPSSTSSSSSDPILDLNISLAVAKERAHQRSSKRAPQMDWSSKNE LFSNL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	38.6 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
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 after receiving vials.
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_036160
Locus ID:	26941



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UniProt ID: [P70441](#), [Q3TG37](#)

RefSeq Size: 1922

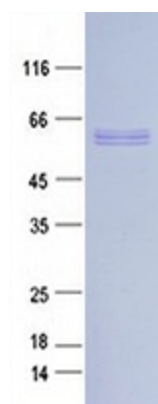
Cytogenetics: 11 E2

RefSeq ORF: 1068

Synonyms: EBP-50; NHE-RF; NHERF-1; NHERF1

Summary: Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for recycling of internalized ADRB2. Was first known to play a role in the regulation of the activity and subcellular location of SLC9A3. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May enhance Wnt signaling (By similarity). May participate in HTR4 targeting to microvilli. Involved in the regulation of phosphate reabsorption in the renal proximal tubules (By similarity). Involved in sperm capacitation. May participate in the regulation of the chloride and bicarbonate homeostasis in spermatozoa.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Slc9a3r1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.