

Product datasheet for TP515144

S100a16 (NM_026416) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse S100 calcium binding protein A16 (S100a16), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215144 representing NM_026416 Red=Cloning site Green=Tags(s)
	MADCYTELEKAVVVLVENFYKYVSKHSLVKNKISKSSFRKMLQRELNHMLTDTGNRKAADKLIQNLDANH DGRICFDEYWTMIGGITSPMANLIRQQECQQESQQECQQESQQESQQESQQGSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.8 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_080692
Locus ID:	67860
UniProt ID:	Q9D708
RefSeq Size:	1091
Cytogenetics:	3 F1
RefSeq ORF:	372



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Synonyms: 2300002L21Rik; AI325039; AI663996; DT1P1A7; S100F

Summary: Calcium-binding protein. Binds one calcium ion per monomer (PubMed:17030513). Can promote differentiation of adipocytes (in vitro). Overexpression in 3T3-L1 preadipocytes increases their proliferation, enhances adipogenesis and reduces insulin-stimulated glucose uptake (PubMed:21266506, PubMed:23526364).[UniProtKB/Swiss-Prot Function]