

Product datasheet for TP304754L

S100Z (NM_130772) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human S100 calcium binding protein Z (S100Z), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204754 protein sequence Red =Cloning site Green =Tags(s)
	MPTQLEMAMDTMIRIFHRYSGKARKRFKLSKLGELKLLLQRELTEFLSCQKETQLVVKIVQDL DANKDNEV DFNEFVMVAALTVACNDYFVEQLKKKGGK
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.4 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.
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_570128
Locus ID:	170591
UniProt ID:	Q8WYG8
RefSeq Size:	1164
Cytogenetics:	5q13.3



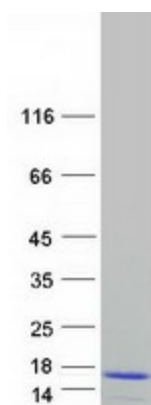
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RefSeq ORF: 297

Synonyms: Gm625; S100-zeta

Summary: Members of the S100 protein family contain 2 calcium-binding EF-hands and exhibit cell-type specific expression patterns. For additional background information on S100 proteins, see MIM 114085.[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified S100Z protein (Cat# [TP304754]). The protein was produced from HEK293T cells transfected with S100Z cDNA clone (Cat# [RC204754]) using MegaTran 2.0 (Cat# [TT210002]).