

## Product datasheet for **TP304754**

### S100Z (NM\_130772) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human S100 calcium binding protein Z (S100Z), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204754 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPTQLEMAMDTMIRIFHRYSGKARKRFKLSKGELKLLLQRELTEFLSCQKETQLVDKIVQDL DANKDNEV DFNEFVMVAALTVACNDYFVEQLKKKGGK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<a href="#">NP_570128</a>
Locus ID:	170591
UniProt ID:	<a href="#">Q8WYG8</a>
RefSeq Size:	1164
Cytogenetics:	5q13.3



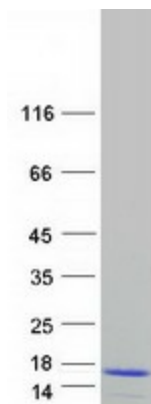
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RefSeq ORF: 297

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]).