

Product datasheet for PH304754

S100Z (NM_130772) Human Mass Spec Standard

Product data:

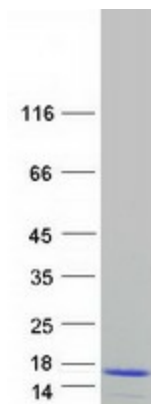
Product Type:	Mass Spec Standards
Description:	S100Z MS Standard C13 and N15-labeled recombinant protein (NP_570128)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204754
Predicted MW:	11.6 kDa
Protein Sequence:	>RC204754 protein sequence Red=Cloning site Green=Tags(s) MPTQLEMAMDTMIRIFHRYSGKARKRFKLSKGELKLLLQRELTEFLSCQKETQLVDKIVQDL DANKDNEV DFNEFVVMVAALTVACNDYFVEQLKKKGK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_570128
RefSeq Size:	1164
RefSeq ORF:	297
Synonyms:	Gm625; S100-zeta
Locus ID:	170591
UniProt ID:	Q8WXG8
Cytogenetics:	5q13.3



[View online »](#)

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]).