

# Recombinant Human S100Z Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** S100Z-4683H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | S100Z MS Standard C13 and N15-labeled recombinant protein (NP_570128) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                               |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                            |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 11.6 kDa                                                                                                                                                                          |
| <b>AA Sequence</b>      | MPTQLEMAMDTMIRIFHRYSGKARKRFKLSKGELKLLQRELTEFLSCQKETQLVDKI<br>VQDL DANKDNEVDFNEFVVMVAALT VACNDYFVEQLKKKGKTRTRPLEQKLISEEDL<br>AANDILDYKDDDDKV                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                       |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                        |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                       |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** S100Z S100 calcium binding protein Z [ Homo sapiens (human) ]

**Official Symbol** S100Z

**Synonyms** S100Z; S100 calcium binding protein Z; S100 calcium binding protein, zeta; protein S100-Z; Gm625; S100 zeta; S100 calcium-binding protein Z; S100-zeta;

**Gene ID** 170591

**mRNA Refseq** NM\_130772

**Protein Refseq** NP\_570128

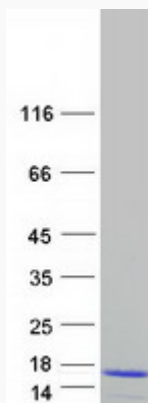
**MIM** 610103

**UniProt ID** Q8WXG8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA