

Full-Length

S100Z (Human) Recombinant Protein (P01)

Catalog # H00170591-P01

Size 50 ug

Specification

Product Description	Human S100Z full-length ORF (AAH22320.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPTQLEMAMDTMIRIFHRYSGKARKRFKLSKGELKLLQLRELTEFLSCQKETQLVDKIVQDL DANK DNEVDFNEFVVMVAALTVACNDYFVEQLKKKGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.29
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — S100Z

Entrez GeneID	170591
GeneBank Accession#	BC022320.1
Protein Accession#	AAH22320.1
Gene Name	S100Z
Gene Alias	Gm625, S100-zeta
Gene Description	S100 calcium binding protein Z
Omim ID	610103
Gene Ontology	Hyperlink
Gene 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]
Other Designations	S100 calcium binding protein, zeta

Disease

- [Colitis](#)
- [Genetic Predisposition to Disease](#)