Recombinant Mouse S100z Protein, His&GST-tagged

Cat. No. S100z-2040M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100z Protein (Met1-Lys99) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Lys99
Description	Predicted to enable calcium ion binding activity; calcium-dependent protein binding activity; and protein homodimerization activity. Orthologous to human S100Z (S100 calcium binding protein Z).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.6 kDa Accurate Molecular Mass: 42 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	S100z S100 calcium binding protein, zeta [Mus musculus (house mouse)]
Official Symbol	S100z
Synonyms	S100Z; S100 calcium binding protein, zeta; protein S100-Z; Gm625;
Gene ID	268686
mRNA Refseq	NM_001081159
Protein Refseq	NP_001074628
UniProt ID	B9EJL3

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