

Product information

S100b, 1-92aa

Mouse, Recombinant, *E.coli*

Cat. No. IBATGP3473

Full name: Protein S100-B

NCBI Accession No.: NP_033141

Synonyms: A1850290, Bpb

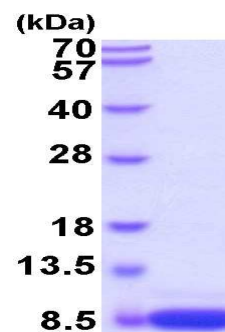
Description: S100b also known as Protein S100-B. S100b is a protein of the S100 protein family. S100 proteins comprise a multigene family of EF-hand calcium binding proteins that engage in multiple functions in response to cellular stress. S100b protein has been implicated in oligodendrocyte progenitor cell (OPC) regeneration in response to demyelinating insult. Also, S100b and other members of S100 proteins are specifically interact with PP5-TPR and inhibited the PP5-Hsp90 interaction. Recombinant mouse S100b was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Molecular Weight: 10.7kDa (92aa)

Purity: > 95% by SDS - PAGE

Concentration: 1mg/ml (determined by Absorbance at 280nm)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MSELEKAMVA LIDVFHQYSG REGDKHKLKK SELKELINNE LSHFLEEIKE QEVVDKVMET LDEDGDGECDFQEFMAFVAM VTTACHEFFE
HE

General references:

Gilquin B., *et al.* (2010) *Mol Cell Biol.* 30(11): 2724-36.

Yamaguchi F., *et al.* (2012) *J Biol Chem.* 287(17): 13787-98.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.