

**S100B, human recombinant**

Protein S100-B, NEF, S100, S100-B, S100beta, S-100 protein beta chain, S-100 protein subunit beta, S  
Catalog # PBV11515r

**Specification**

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**S100B, human recombinant - Product info**

Primary Accession [P04271](#)  
Calculated MW **10.7 kDa KDa**

**S100B, human recombinant - Additional Info**

Gene ID **6285**

**Other Names**

Protein S100-B, NEF, S100, S100-B, S100beta, S-100 protein beta chain, S-100 protein subunit beta, S100 calcium-binding protein B

Gene Source	<b>Human</b>
Source	<b>E. coli</b>
Assay&Purity	<b>SDS-PAGE;&gt; 95%</b>
Recombinant	<b>Yes</b>
Sequence	<b>MSELEKAMVA LIDVFNQYSG REGDKHKLKK SELKELINNE LSHFLEEIKE QEVVDKVMET LDNDGDGECDFQEFMAFVAM VTTACHEFFE HE</b>

**Target/Specificity**

S100B

**Format**

Liquid

**Storage**

-70°C;In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**S100B, human recombinant - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**S100B, human recombinant - Images**

**S100B, human recombinant - Background**

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 Human S100B was expressed in E.coli and purified by using conventional chromatography techniques.