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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

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	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE;> 95%**
Recombinant	**Yes**
Sequence	**MSELEKAMVA LIDVFHQYSG REGDKHKLKK SELKELINNE LSHFLEEIKE QEVVDKVMET LDNDGDGECD FQEFMAFVAM VTTACHEFFE HE**

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 Cytomety
- Cell Culture

S100B, human recombinant - Images

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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.