

S100 Calcium Binding Protein B Human Recombinant, His Tag

Item Number	rAP-2909
Synonyms	Protein S100-B, S100 calcium-binding protein B, S-100 protein subunit beta, S-100 protein beta chain, S100B, NEF, S100, S100beta.
Description	S100B Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 112 amino acids fragment (1-92) with a 20 amino acids N-terminal His tag and having a total molecular mass of 12.8kDa. The S100B is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P04271
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSELEKAMVA LIDVFHQYSG REGDKHKLKK SELKELINNE LSHFLEEIKE QEVVDKVMET LDNDGDGECDFQEFMAFVAM VTTACHEFFE HE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	S100B (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH8.0), 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**