

S100 Calcium Binding Protein A16 Human Recombinant

Item Number	rAP-2895
Synonyms	Protein S100-A16, Aging-associated gene 13 protein, Protein S100-F, S100 calcium-binding protein A16, S100A16, S100F, AAG13, DT1P1A7, MGC17528.
Description	S100A16 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 123 amino acids (1-103 a.a.) and having a molecular mass of 13.9kDa.S100A16 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q96FQ6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSDCYTELEK AVIVLVENFY KYVSKYSLVK NKISKSSFRE MLQKELNHML SDTGNRKAAD KLIQNLDANH DGRISFDEYW TLIGGITGPI AKLIHEQEQQ SSS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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	S100A16 (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.2M NaCl. Greater than 95.0% 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**