

S100 Calcium Binding Protein A7A Human Recombinant

Item Number	rAP-2920
Synonyms	NICE-2, NICE2, Protein S100-A7A, S100A15, S100A7f, S100A7L1, S100 calcium-binding protein A15, S100 calcium-binding protein A7A, S100 calcium-binding protein A7-like 1, S100A7A.
Description	The S100A7A Human Recombinant is manufactured with N-terminal fusion of 9 amino acids His Tag. The S100A7A His -Tagged Fusion Protein is a 12.3kDa protein containing 109 amino acid residues and 9 additional amino acid residues - His Tag (underlined).
Uniprot Accession Number	Q86SG5
Amino Acid Sequence	MMKHHHHHHASNT-QAERSIIG MIDMFHKYTG RDGKIEKPSL LTMMKENFPN FLSACDKKGI HYLAT-VFEKK DKNEDEKKIDF SEFLSLLGDI AADYHKQSHG AAPCSGGGSQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Store lyophilized S100A7A Human recombinant at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted S100A7A can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	Filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	Add pyrogen free water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
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**