

Recombinant Human S100 Calcium Binding Protein A7A, His-tagged

Cat. No. S100A7A-4567H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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).
Species	Human
Source	Human
Description	S100A7A takes part in epidermal differentiation and inflammation thus is significant for the pathogenesis of psoriasis and other diseases.
Form	Filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5.
Purity	Greater than 90% as determined by SDS-PAGE.
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.
Amino acid sequence	MMKH ^{HHHH} HASNTQAERSIIG MIDMFHKYTG RDGKIEKPSL LTMMKENFPN FLSACDKKGI HYLATVFEKK DKNE ^{DKKIDF} SEFLSLLGDI AADYHKQSHG AAPCSGGSQ.

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Storage

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. The lyophilized protein remains stable until the expiry date when stored at -20°C.

GENE INFORMATION
Gene Name

S100A7A S100 calcium binding protein A7A [Homo sapiens]

Official Symbol

S100A7A

Synonyms

S100A7A; S100 calcium binding protein A7A; NICE-2; S100A15; S100A7f; S100A7L1; protein S100-A7A; OTTHUMP00000015324; S100 calcium binding protein A15; S100 calcium-binding protein A15; S100 calcium-binding protein A7A; S100 calcium binding protein A7-like 1; S100 calcium-binding protein A7-like 1

Gene ID

338324

mRNA Refseq

NM_176823

Protein Refseq

NP_789793

UniProt ID

Q86SG5

**Chromosome
Location**

1q21.3

Function

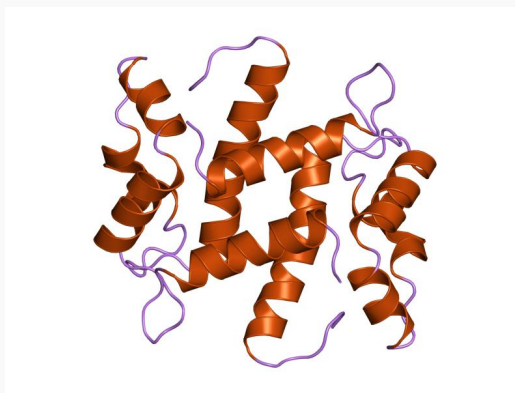
calcium ion binding

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on 3psr.



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