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32-4738: Recombinant Human S100 Calcium Binding Protein A3

Alternative Name : S100-A3,S-100E,S100 calcium-binding protein A3,S100E,S-100A3,Protein S100-A3,Protein S-100E,S100A3.

Description

Source : Escherichia Coli. S100A3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 121 amino acids (1-101) and having a molecular mass of 13.9kDa.The S100A3 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. S100A3 is part of S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm/nucleus of a broad range of cells, and takes part in the regulation of several cellular processes such as cell cycle progression and differentiation. S100A3 has the largest number of cysteines of all S100 proteins. S100A3 has high affinity for Zinc, and is widely expressed in human hair cuticle.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	S100A3 protein at 1mg/ml in 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 2mM DTT and 0.2M NaCl.
Storage condition :	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).Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MARPLEQAVA AIVCTFQEYA GRCGDKYKLC QAELKELLQK ELATWTPTEF RECDYNKFMS VLDTNKDCEV DFVEYVRSLA CLCLYCHEYF KDCPSEPPCS Q.

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