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32-8879: Recombinant Human S100A4 (C-6His)(Discontinued)

Gene : S100A4
Gene ID : 6275
Uniprot ID : P26447

Description

Source: E. coli.
MW :12.6kD.
Recombinant Human S100A4 is produced by our E.coli expression system and the target gene encoding Met1-Lys101 is expressed with a 6His at the C-terminus. S100A4 is a member of the S100 family of proteins. The S100 family is further classified as a member of the EF-hand superfamily of Ca++-binding proteins. These participate in both calcium-dependent and calcium-independent protein-protein interactions. The hallmark of this superfamily is the EF-hand motif that consists of a Ca++-binding site flanked by two a-helices (helix E and helix F) that were originally identified in a right-handed model of carp muscle calcium-binding protein. Human S100A4 is 101 amino acids (aa) in length. It contains two EF hand domains, one between aa 12-47, and a second between aa 50-85. S100A4 activity has been associated with cell transformation. It seems likely this is either coincidental, or a consequence, rather than a cause of transformation.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MACPLEKALDVMVSTFHKYSGKEGDKFKLNKSELKELLTRELPSFLGKRTDEAAFQKLMSNLDSNRDNEVDFQ EYCVFLSCIAMMCNEFFEGFPDKQPRKKHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.