Recombinant Full Length Human S100A6 Protein, C-Flag-tagged

Cat. No. S100A6-2140HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human S100A6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca2+-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	10 kDa
AA Sequence	MACPLDQAIGLLVAIFHKYSGREGDKHTLSKKELKELIQKELTIGSKLQDAEIARLMED LDRNKDQEVNF QEYVTFLGALALIYNEALKG TRTRPLEQKLISEEDLAANDILDYKD DDDKV

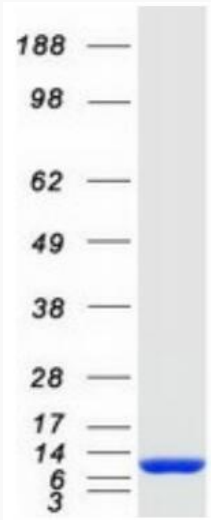
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	S100A6 S100 calcium binding protein A6 [Homo sapiens (human)]
Official Symbol	S100A6
Synonyms	2A9; PRA; 5B10; CABP; CACY; S10A6
Gene ID	6277
mRNA Refseq	NM_014624.4
Protein Refseq	NP_055439.1
MIM	114110
UniProt ID	P06703

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Coomassie blue staining of purified S100A6 protein.

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