

Recombinant Human S100A13 protein, His-tagged

Cat. No. S100A13-3495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A13(1-98aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-98 a.a.
Description	S100A13, also known as S100 calcium binding protein A13, 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. It plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. S100A13 protein has been shown to interact with SYT1 and FGF1.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 50mM NaCl, 20% glycerol
Molecular Mass	13.6 kDa (118aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSHLKFNEYWRLI GELAKEIRKK KDLKIRKKMAAEPLTELE ESIETVVTTF FTFARQEGRK DSLSVNEFKE LVTQQLPHLL KDVGSLDEKM KSLDVNQDSE

 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	>95% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	S100A13 S100 calcium binding protein A13 [Homo sapiens]
Official Symbol	S100A13
Synonyms	S100A13; S100 calcium binding protein A13; protein S100-A13; S100 calcium-binding protein A13;
Gene ID	6284
mRNA Refseq	NM_001024213
Protein Refseq	NP_001019384
MIM	601989
UniProt ID	Q99584
Chromosome Location	1q21
Function	RAGE receptor binding; calcium ion binding; copper ion binding; fibroblast growth factor 1 binding; lipid binding; protein binding; protein homodimerization activity; zinc

 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



ion binding;

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