

Recombinant Human S100 Calcium Binding Protein A16

Cat. No. S100A16-436H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human full length S100A16 (S100 calcium-binding protein A16, Protein S100F, Aging-associated gene 13 protein, S10AG) expressed in <i>E. coli</i> was cloned from human cDNA. It consists of the human S100A16 (residues 1-103, swissprot accession Q96FQ6). MW = 23.6 kDa (dimer).
Species	Human
Source	E.coli
Protein Length	1-103 a.a.
Description	Protein S100-A16 is a protein that in humans is encoded by the S100A16 gene.
Purity	> 95% by SDS-PAGE. The protein runs as a monomer giving a single band migrating at a molecular weight of < 14 kDa.
Supplied As	1mg/ml in Mes 20mM, KCl 200mM, pH 5.5. The concentration is calculated from the absorbance at 280nm ($\epsilon_{280} = 12950 \text{ M}^{-1}\text{cm}^{-1}$).
Characteristics	Under the above described conditions, to avoid precipitation, the product can be concentrated to a maximum of 0.2mM (dimer).
Storage	-20°C. The protein is stable at 4°C for at least 2 weeks and at 25°C for at least 1 week. After initial defrost, aliquot product into individual tubes and refreeze at -20°C. Avoid repeated freeze/thaw cycles.

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Full Length
Full L.

GENE INFORMATION

Gene Name

S100A16 S100 calcium binding protein A16 [Homo sapiens]

Synonyms

S100A16; S100 calcium binding protein A16; AAG13; S100F; DT1P1A7; MGC17528; OTTHUMP00000015465; OTTHUMP00000015466; OTTHUMP00000032894; OTTHUMP00000032893; aging-associated protein 13; Protein S100-A16; S100 calcium-binding protein A16; Protein S100F; Aging-associated gene 13 protein

Gene ID

140576

mRNA Refseq

NM_080388

Protein Refseq

NP_525127

MIM

11529

UniProt ID

Q96FQ6

**Chromosome
Location**

1q21

Function

calcium ion binding; protein homodimerization activity

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