

Product datasheet for **TP300656**

S100A11 (NM_005620) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human S100 calcium binding protein A11 (S100A11), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200656 protein sequence
Red=Cloning site **Green**=Tags(s)

MAKISSPTETERCIESLIAVFQKYAGKDGNYTLSKTEFLSFMNTELAaftknqkdpGVLD RMMKkLDTN
SDGQLDFSEFLNLIGGLAMACHDSFLKAVPSQKRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 11.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005611](#)

Locus ID: 6282

UniProt ID: [P31949](#), [V9HWH9](#)

RefSeq Size: 595

Cytogenetics: 1q21.3



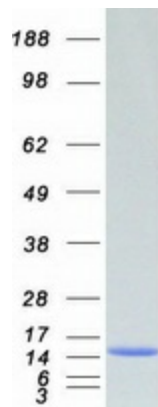
[View online »](#)

RefSeq ORF: 315

Synonyms: HEL-S-43; MLN70; S100C

Summary: 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 motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified S100A11 protein (Cat# TP300656). The protein was produced from HEK293T cells transfected with S100A11 cDNA clone (Cat# [RC200656]) using MegaTran 2.0 (Cat# [TT210002]).