

Human S100A11

11/20

CATALOG NO:	P1618-10 10 µg P1618-50 50 µg
ALTERNATE NAMES:	S100 calcium binding protein A11; MLN70; S100C; HEL-S-43; Metastatic lymph node gene 70 protein; Calgizzarin
MOL. WT.	14.3 kDa
ACCESSION NO:	P31949, NP_005611
PURITY:	≥ 95% by SDS-PAGE
SOURCE:	<i>E.coli</i>
TAG:	His Tag
AMINO ACID SEQUENCE:	The target protein is expressed with the sequence (aa 1-105) of human S100A11 fused to His-tag at the N-terminus.
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.1 M NaCl, 1 mM DTT
STORAGE CONDITIONS:	Divide into small aliquots and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	S100A11 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are involved in the regulation of cellular processes such as cell cycle progression and differentiation. S100A11 protein is involved in motility, invasion and tubulin polymerization. It is increased in infiltrating ductal breast carcinoma and promotes pancreatic cancer PANC-1 cell proliferation through the PI3K/AKT signaling pathway.

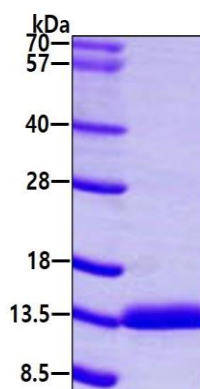


Fig A. 3 µg of S100A11 protein was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

RELATED PRODUCTS:

Human CellExp™ Beta 2 Microglobulin (Cat. No. P1611)
 Human Recombinant Gamma-Synuclein (Cat. No. P1613)
 CA 15-3, Human Breast Adenocarcinoma (Cat. No. P1435)
 Human Recombinant Chromogranin A (Cat. No. P1614)
 S100B, human recombinant (Cat. No. P1035)

FOR RESEARCH USE ONLY! Not to be used on humans.