

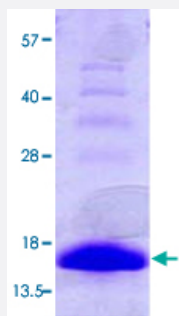
Full-Length

S100a9 (Mouse) Recombinant Protein

Catalog # P4348

Size 50 ug

Applications



Specification

Product Description	Mouse S100a9 (NP_033140, 1 a.a. - 113 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMANKAPSQMERSITTIIDTFHQYSRKEGHPDTLSKKEFRQMVEAQLATFMKKEKRNEALINDIMEDLDTNQDNQLSFEECMMLMAKLIFACHEKLHENNPRGHGHSKGKCGK
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	15.2
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	0.5 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	15% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20% glycerol, 1 mM DTT).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — S100a9

Entrez GeneID [20202](#)

Protein Accession# [NP_033140](#)

Gene Name S100a9

Gene Alias 60B8Ag, AW546964, BEE22, Cagb, GAGB, L1Ag, MRP14, p14

Gene Description S100 calcium binding protein A9 (calgranulin B)

Gene Ontology [Hyperlink](#)

Other Designations S100 calcium-binding protein A9 (calgranulin B)

Publication Reference

- [Inflammation-induced S100A8 activates Id3 and promotes colorectal tumorigenesis.](#)

Zhang X, Ai F, Li X, She X, Li N, Tang A, Qin Z, Ye Q, Tian L, Li G, Shen S, Ma J.

International Journal of Cancer 2015 Dec; 137(12):2803.

Application: Func, Mouse, RAW 264.7 cells