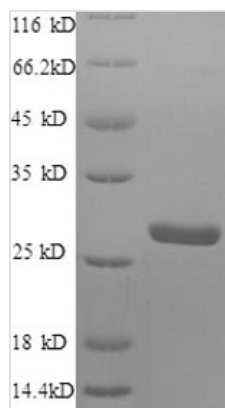




# Recombinant Human Protein S100-A4 (S100A4)

<b>Product Code</b>	CSB-EP020632HU
<b>Abbreviation</b>	Recombinant Human S100A4 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P26447
<b>Alias</b>	Calvasculin;Metastasin;Placental calcium-binding protein;Protein Mts1S100 calcium-binding protein A4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	ACPLEKALDVMVSTFHKYSGKEGDKFKLNKSELKELLTRELP SFLGKRTDEAA FQKLMSNLDSNRDNEVDFQEYCVFLSCIAMMCNEFFEGFPDKQPRKK
<b>Research Area</b>	Cardiovascular
<b>Source</b>	E.coli
<b>Target Names</b>	S100A4
<b>Expression Region</b>	2-101aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	27.6kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Enhance your cardiovascular research with our premium-quality Recombinant Human S100A4 protein, also known as Calvasculin, Metastasin, Placental



calcium-binding protein, Protein Mts1, and S100 calcium-binding protein A4. S100A4 is involved in a variety of cellular processes, including motility, proliferation, and angiogenesis, and plays a significant role in the progression of atherosclerosis and other cardiovascular diseases, making it an important target for research and therapeutic intervention.

Our Recombinant Human S100A4 protein is produced using a reliable E.coli expression system, ensuring a consistent and high-quality source for your research needs. The full-length mature protein sequence (2-101aa) is N-terminal 6xHis-SUMO-tagged to facilitate efficient purification while maintaining native conformation and activity. With a purity greater than 90% as determined by SDS-PAGE, our S100A4 protein guarantees dependable and reproducible results in various experimental setups. Choose between liquid and lyophilized powder forms to best suit your research requirements, and take advantage of our exceptional-quality Recombinant Human S100A4 protein in your cardiovascular research.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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