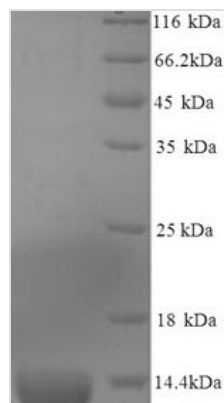




Recombinant Mouse Serum amyloid A-3 protein (Saa3), partial

Product Code	CSB-YP361411MO
Relevance	Major acute phase reactant. Apolipoprotein of the HDL complex.
Abbreviation	Recombinant Mouse Saa3 protein, partial
Storage	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.
Uniprot No.	P04918
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	RWVQFMKEAGQGSRDMWRAYSDMKKANWKNSDKYFHARGNYDAARRGPG GAWAAKVISDAREAVQKFTGHGAEDSRADQFANEWGRSGKDPNHFRPAGLP KRY
Research Area	Others
Source	Yeast
Target Names	Saa3
Protein Names	Recommended name: Serum amyloid A-3 protein
Expression Region	20-122aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	13.8kDa
Protein Length	Partial

Image



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



Description

Yeast-expressed Recombinant Mouse Serum amyloid A-3 protein (Saa3) is a full Length of mature protein having an N-terminal 6xHis tag. It contains 20-122aa of mouse Saa3 and has a calculated molecular mass of 13.8 kDa. This recombinant Saa3 protein got purified by SDS-PAGE and reached up to 90% in purity. Available from stock, these Saa3 proteins will reach your laboratory table faster. The Saa3 protein can be used as an antigen to produce the mouse monoclonal antibodies and rabbit polyclonal antibodies.

Saa3 is often found in inflammatory tissues in mice, including adipocytes, epithelial cells, endothelial cells, and other extrahepatic cells. Unique among the four SAAs, Saa3 does not involve in the constitution of high-density lipoprotein. Mouse Saa3 attracts circulating tumor cells and increases hyperpermeability in the lungs, thus promoting tumor metastasis. Also, mSaa3/TLR4/MD-2 interaction plays a protective role in the innate immune system.

Shelf Life

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