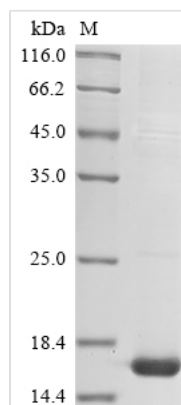




Recombinant Mouse Scrapie-responsive protein 1 (Scrg1)

Product Code	CSB-EP526023MOa0
Abbreviation	Recombinant Mouse Scrg1 protein
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.	O88745
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MPSSRLSCYRKLLKDRNCHNLPEGRADLKLIDANVQHFFWDGKGCEMICYCN FSELLCCPKDVFFGPKISFVIPCNNH
Research Area	Developmental Biology
Source	E.coli
Target Names	Scrg1
Expression Region	21-98aa
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	15.0 kDa
Protein Length	Full Length of Mature Protein

Image



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

Description

Expressing the recombinant Mouse Scrg1 protein generally involves constructing a plasmid encoding the Mouse Scrg1 protein (21-98aa). This



plasmid is introduced into e.coli cells, followed by the selection and culturing of positive e.coli cells, induction of protein expression, and subsequent cell lysis. The protein is fused with a N-terminal 6xHis tag. The recombinant Mouse Scrg1 protein is purified through affinity purification, and SDS-PAGE analysis is conducted to confirm the presence of the protein and determine its purity. This protein exhibits a purity exceeding 85%.

Shelf Life

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.