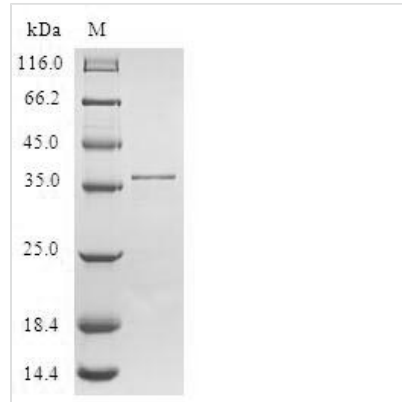




Recombinant Human Small muscular protein (SMPX)

Product Code	CSB-EP887043HU
Relevance	Plays a role in the regulatory network through which muscle cells coordinate their structural and functional states during growth, adaptation, and repair.
Abbreviation	Recombinant Human SMPX 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.	Q9UHP9
Alias	Stretch-responsive skeletal muscle protein
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNMSKQPVSINVRAIQANINIPMGAFRPGAGQPPRRKECTPEVEEGVPPTSDE EKKPIPGAKKLPGPAVNLSEIQNIKSELKYVPAEQ
Research Area	others
Source	E.coli
Target Names	SMPX
Protein Names	Recommended name: Small muscular protein Alternative name(s): Stretch-responsive skeletal muscle protein
Expression Region	1-88aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	36.6kDa
Protein Length	Full Length
Image	



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

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.