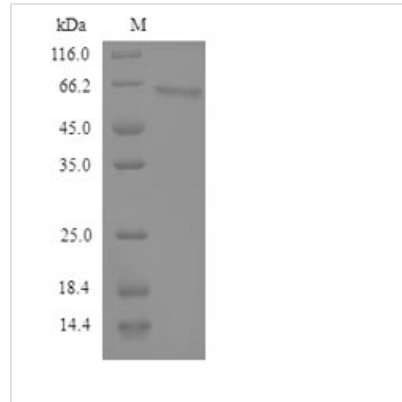




Recombinant Human Semenogelin-2 (SEMG2)

Product Code	CSB-YP021002HU
Relevance	Participates in the formation of a gel matrix (sperm coagulum) entrapping the accessory gland secretions and ejaculated spermatozoa.
Abbreviation	Recombinant Human SEMG2 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.	Q02383
Alias	Semenogelin II Short name: SGII
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	<p>QKGGSKGQLPSGSSQFPHGQKQGQHYFGQKDQQHTKSKGSFSIQHTYHVDIN DHDWTRKSQQYDLNALHKATKSKQHLGGSQQLLNYKQEGRDHDKSKGHFH MIVIHKGGQAHHGTQNPSQDQGNPSGKGLSSQCSNTEKRLWVHGLSKEQ ASASGAQKGRTOGGSQSSYVLQTEELVVNKQQRETKNSHQNKGHYQNVVDV REEHSSKLQTSLHPAHQDRLQHGPKDIFTTQDELLVYNKNQHQTKNLSQDQE HGRKAHKISYPSSRTEERQLHHGEKSVQKDVSKGSISIQTEEKIHGKSQNQVTI HSQDQEHGHKKNKISYQSSSTEERHLNCGEKGIQKGVSKGSISIQTEEQIHGK SQNQVRIPSQAQEYGHKKNKISYQSSSTEERLNSGEKDVQKGVSKGSISIQT EEKIHGKSQNQVTIPSQDQEHGHKKNMSYQSSSTEERLNYGGKSTQKDVS QSSISFQIEKLVEGKSQIQTPNPNQDQWSGQNAKGKSGQSADSKQDLLSHEQ KGRYKQESSESHNIVITEHEVAQDDHLTQQYNEDRNPIST</p>
Research Area	Signal Transduction
Source	Yeast
Target Names	SEMG2
Protein Names	Recommended name: Semenogelin-2 Alternative name(s): Semenogelin II Short name= SGII
Expression Region	24-582aa
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	64.9kDa
Protein Length	Full Length of Mature Protein
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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.