

Recombinant Human SEMG2 Protein (24-582 aa), His-tagged

Cat. No. SEMG2-1825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMG2 Protein (24-582 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	24-582 aa
Description	Participates in the formation of a gel matrix (sperm coagulum) entrapping the accessory gland secretions and ejaculated spermatozoa.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	64.9 kDa
AA Sequence	QKGGSKGQLPSGSSQFPHGQKGGQHYFGQKDQQHTKSKGSFSIQHTYHVDINDHD WTRKSQQYDLNALHKATKSKQHLGGSQQLLNYKQEGRDHDKSKGHFHMIVIHKG GQAHHGTQNPSQDQGNPSGKGLSSQCSNTEKRLWVHGLSKEQASASGAQKGRT QGGSSQSSYVLQTEELVNVKQQRETKNSHQNKGHYQNVVDVREEHSSKLQTSLHPA HQDRLQHGPKDIFTTQDELLVYNKNQHQTKNLSQDQEHRKAHKISYPSSRTEERQ LHHGEKSVQKDVSKGSISIQTEEKIHGKSQNQVTIHSQDQEHHGKHKENKISYQSSSTE ERHLNCGEKGIQKGVSKGSISIQTEEQIHGKSQNQVRIPSQAQYGHKHKENKISYQSS STEERRLNSGEKDVQKGVSKGSISIQTEEKIHGKSQNQVTIPSQDQEHHGKHKENKMS

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	YQSSSTEERRLLNYGGKSTQKDVSQSSISFQIEKLVEGKSQIQTPNPNQDQWSGQNA KGKSGQSADSKQDLLSHEQKGRYKQESSESHNIVITEHEVAQDDHLTQQYNEDRNP IST
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	SEMG2 semenogelin II [Homo sapiens]
Official Symbol	SEMG2
Synonyms	SEMG2; semenogelin II; semenogelin-2; Semenogelin 2; SGII;
Gene ID	6407
mRNA Refseq	NM_003008
Protein Refseq	NP_002999
MIM	182141

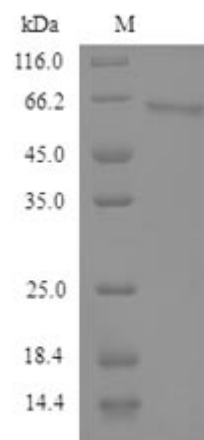
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UniProt ID

Q02383



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

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