

Proteoliposomes

Full-Length

SEMA3G (Human) Recombinant Protein

Catalog # H00056920-G01

Size 10 ug

Specification

Product Description

Human SEMA3G full-length ORF (NP_064548.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAPSAWAICWLLGGLLLHGGSSGSPGPSVPRRLRSYRDLLSANRSAIFLGPQGSLNLQAMYLD
EYRDLFLGGLDALYSLRLDQAWPDPREVLWPPQPGQREECVRKGRDPLTECANFVRVLQPHN
RTHLLACGTGAFQPTCALITVGHRGEHVLHLEPGSVESGRGRCPHEPSRPFASFIDGELYTGLTA
DFLGREAMIFRSGGPRPALRSDSDQSLLDHPRFVMAARIPENSDDNDKVYFFFSETVPSPDGG
SNHVTVSRVGRVCVNDAGGQRVLVNKGWSTFLKARLVCSVPGPFGGAETHFDQLEDVFLWPKA
GKSLEVYALFSTVSAVFQGFVAVCVYHMADWEVFNGPFAHRDGPQHGWGPYGGKVPFPRPGVC
PSKMTAQPGRPFGSTKDYDPEVLQFARAHPLMFWPVRPRHGRPVLVKTHLAQLHQMVDRVE
AEDGTVDVIFLGTDSGSVLKVALQAGGSAEPEEVVLEELQVFKVPTPITEMEISVKRQMLYVGSR
LGVAQLRLHQCYGTACAECCCLARDPYCAWDGASCTHYRPSLGKRRFRRQDIRHGPNALQCL
GQSQEEEAVGLVAATMVYGTENSTFLECLPKSPQAAVRWLLQRPQDEGPDQVKTDERVLHTE
RGLLFRRLSRFDAGTYTCTLEHGFSQTVVRLALVVMASQLDNLFPEPKPEEPPARGGLASTPP
KAWYKDILQLIGFANLPRVDEYCYCERVWCRGTTECSGCFRSTRSRGKQARGKSWAGLELGKKMKS
RVHAEHNRTPREVEAT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86.7

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — SEMA3G

Entrez GeneID	56920
GeneBank Accession#	NM_020163.1
Protein Accession#	NP_064548.1
Gene Name	SEMA3G
Gene Alias	FLJ00014, MGC119473, sem2
Gene Description	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G
Gene Ontology	Hyperlink
Gene Summary	SEMA3G
Other Designations	semaphorin sem2

Pathway

- [Axon guidance](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)