

Semaphorin-4G/SEMA4G Protein, Human (HEK293, His)

Cat. No.:	HY-P71286
Synonyms:	Semaphorin-4G; KIAA1619; SEMA4G
Species:	Human
Source:	HEK293
Accession:	Q9NTN9-2 (V18-L680)
Gene ID:	57715
Molecular Weight:	90-95 kDa

PROPERTIES

AA Sequence

V P G P S L R R P S	R E L D A T P R M T	I P Y E E L S G T R	H F K G Q A Q N Y S
T L L L E E A S A R	L L V G A R G A L F	S L S A N D I G D G	A H K E I H W E A S
P E M Q S K C H Q K	G K N N Q T E C F N	H V R F L Q R L N S	T H L Y A C G T H A
F Q P L C A A I D A	E A F T L P T S F E	E G K E K C P Y D P	A R G F T G L I I D
G G L Y T A T R Y E	F R S I P D I R R S	R H P H S L R T E E	T P M H W L N D A E
F V F S V L V R E S	K A S A V G D D D K	V Y Y F F T E R A T	E E G S G S F T Q S
R S S H R V A R V A	R V C K G D L G G K	K I L Q K K W T S F	L K A R L I C H I P
L Y E T L R G V C S	L D A E T S S R T H	F Y A A F T L S T Q	W K T L E A S A I C
R Y D L A E I Q A V	F A G P Y M E Y Q D	G S R R W G R Y E G	G V P E P R P G S C
I T D S L R S Q G Y	N S S Q D L P S L V	L D F V K L H P L M	A R P V V P T R G R
P L L L K R N I R Y	T H L T G T P V T T	P A G P T Y D L L F	L G T A D G W I H K
A V V L G S G M H I	I E E T Q V F R E S	Q S V E N L V I S L	L Q H S L Y V G A P
S G V I Q L P L S S	C S R Y R S C Y D C	I L A R D P Y C G W	D P G T H A C A A A
T T I A N R S Q G S	R T A L I Q D I E R	G N R G C E S S R D	T G P P P P L K T R
S V L R G D D V L L	P C D Q P S N L A R	A L W L L N G S M G	L S D G Q G G Y R V
G V D G L L V T D A	Q P E H S G N Y G C	Y A E E N G L R T L	L A S Y S L T V R P
A T P A P A P K A P	A T P G A Q L A P D	V R L	

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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