

Human C1 Inhibitor, Serpin G1, (glycosylated, HEK, His-Tag)

Synonyms: C1IN, C1INH, C1NH, HAE1, HAE2, Plasma protease C1 inhibitor, C1 esterase inhibitor, C1-inhibiting factor, Serpin G1, Name, SERPING1.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
10 µg	4403.955.010		
50 µg	4403.955.050		
1 mg	4403.955.199		

Please enquire for bulk quantities and other vial sizes

Description

SERPING1 Human Recombinant produced by transfected human cells is a single polypeptide chain containing 486 amino acids (23-500). SERPING1 is fused to an 8 amino acid His-tag at C-terminus.

- **Source** HEK
- **Purity** ≥ 95% (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** SERPING1 was lyophilized from a 0.2 µM filtered solution of 20mM Tris-HCl and 150mM NaCl, pH 8.0*
- **Physical state** Sterile filtered, lyophilized

Reconstitution

It is recommended to reconstitute the lyophilized SERPING1 in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized SERPING1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SERPING1 should be stored at 4°C between 2-7 days and for future use below -18°C. **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

NP NATSSSSQ DPESLQDRGE GKVATTVISK MLFVEPILEV SSLPTTNSTT NSATKITANT TDEPTTQPTT
 EPTTQPTTIQP TQPTTQLPTD SPTQPTTGSF CPGPVTLCSL LESHSTEAVL GDALVDFSLK LYHAFSAMKK
 VETNMAFSPF SIASLLTQVL LGAGENTKTN LESILSYPKD FTCVHQALKG FTTKGVTSVS QIFHSPDLAI
 RDTFVNASRT LYSSSPRVLS NNSDANLELI NTWVAKNTNN KISRLLDSL P SDTRLVLLNA IYLSAKWKTT
 FDPKKTRMEP FHFKNVSIKV PMMNSKKYPV AHFIDQTLKA KVGQLQLSHN LSLVILVPQN LKHRLEDMEQ
 ALSPSVFKAI MEKLEMSKFQ PTLTLPRIK VTTSQDMLSI MEKLEFFDFS YDLNLCGLTE DPDLQVSAMQ
 HQTVLELTET GVEAAAASAI SVARTLLVFE VQQPFLFMLW DQQHKFPVFM GRVYDPRAVD HHHHHH

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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