

Recombinant Human SERPINF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINF2-3243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINF2 MS Standard C13 and N15-labeled recombinant protein (NP_000925) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	54.6 kDa
AA Sequence	MVLLWGLLVLSWSCSQGPCSVFSPVSAMEPLGRQLTSGPNQEQVSPLTLLKLGNG EPGGQTALKSPPGVCSRDPTEQTHRLARAMMAFTADLFSLVAQTSTCPNLILSPLS VALALSHLALGAQNHTLQRLQQVLHAGSGPCPLHLLSRLCQDLGPGAFLAARMYL QKGFPIKEDFLEQSEQLFGAKPVSLTGKQEDDLANINQWVKEATEGKIQEFLSGLPE DTVLLLLNAIHFGFWRNKFDPSLTQRDSFHLDEQFTVPVEMMQARTYPLRWFLLE QPEIQVAHFPPKNNMSFVVLVPTHFEWNVSQVLANLSWDTLHPPLVWERPTKVRLP KLYLKHQMDLVATLSQLGLQELFQAPDLRGISEQSLVVSGVQHQSTLELSEVGVEAA

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AATSIAMSRMSLSSFSVNRPFLLFFIFEDTTGLPLFVGSVRNPNPSPAPRELKEQQDSP
GNKDFLQSLKGFPRGDKLFGPDLKLVPPMEEDYPQFGSPKTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SERPINF2 serpin family F member 2 [Homo sapiens (human)]

Official Symbol SERPINF2

Synonyms SERPINF2; serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2; PLI, serine (or cysteine) proteinase inhibitor, clade F (alpha 2 antiplasmin, pigment epithelium derived factor), member 2; alpha-2-antiplasmin; A2AP; AAP; alpha 2 antiplasmin; ALPHA 2 PI; alpha 2 plasmin inhibitor; API; serpin F2; alpha-2-AP; alpha-2-plasmin inhibitor; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2; PLI; ALPHA-2-PI;

Gene ID 5345

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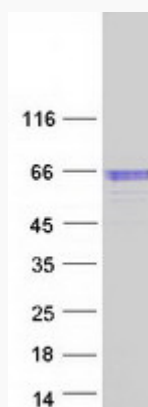
mRNA Refseq NM_000934

Protein Refseq NP_000925

MIM 613168

UniProt ID P08697

SDS-PAGE



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