

Recombinant Full Length Human SERPINB13 Protein, C-Flag-tagged

Cat. No. SERPINB13-1818HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human SERPINB13 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

Description

The protein encoded by this gene is a member of the serpin family of serine protease inhibitors. The encoded protein inhibits the activity of cathepsin K and is itself transcriptionally repressed by RUNX1. This gene is downregulated in many types of cancer.

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

44.1 kDa

AA Sequence

MDSLGA VSTR LGFDL FKELKKTNDGN IFFSPVGILTAIGMVLLGTRGATASQLEEVFH
 SEKETKSSRIKA EEKEVIENTEAVHQQFQKFLTEISKLTNDYELNITNRLFGEKTYLFL
 QKYLDYVEKYYHASLEPVDFVNA ADESRRKINSWVESKTNEKIKDLFPDGSISSSTK
 LVLVNMVYFKGQWDREFKENTKEEFWMNKSTSKS VQMMTQSHSFSFTFLEDL
 QAKILGIPYKNNDL SMFVLLPNDIDGLEKIIDKISPEKLVEWTSPGHMEERK VNLHLPR
 FEVEDGYDLEAVLAAMGMGDAFSEHKADYSGMSSGSLYAQKFLHSSFVAVTEEG
 TEAAAATG IGFTVTSAPGHENVHCNHPFLFFIRHNESNSILFFGRFSSP TRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SERPINB13 serpin family B member 13 [Homo sapiens (human)]
Official Symbol	SERPINB13
Synonyms	HUR7; PI13; headpin; HSHUR7SEQ
Gene ID	5275
mRNA Refseq	NM_012397.4
Protein Refseq	NP_036529.1
MIM	604445

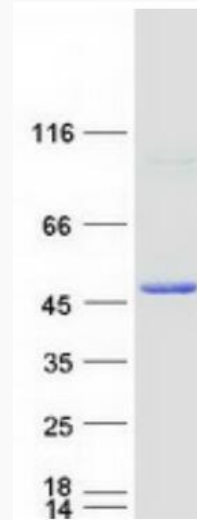
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UniProt ID

Q9UIV8



Coomassie blue staining of purified SERPINB13 protein.

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