

Recombinant Human SerpinB5/SERPINB5 Protein

Catalog No. PKSH033039

Note: Centrifuge before opening to ensure complete recovery of vial contents.

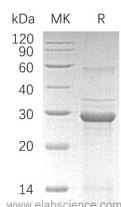
Description

Synonyms	Serpin B5; Maspin; Peptidase Inhibitor 5; PI-5; SERPINB5; PI5
Species	Human
Expression Host	E.coli
Sequence	Met1-Ser231
Accession	P36952-2
Calculated Molecular Weight	25.7 kDa
Observed molecular weight	29 kDa
Tag	No tag

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Serpin B5 is a secretive protein that belongs to the Serpin (Serine Protease Inhibitor) family and Ov-serpin subfamily. Serpin B5 is expressed in the prostate, testis, intestine, tongue, lung, and thymus. Serpin B5 exhibits no serine protease inhibitory activity. Serpin B5 also functions as tumor suppressor and angiogenesis inhibitor. It has been shown that Serpin B5 blocks the growth, invasion, and metastatic properties of mammary tumors. Furthermore, high expression of Serpin B5 is linked to squamous cell carcinoma in non-small-cell lung cancer.

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