

Recombinant Human Serpin B6

(N-Trx-6His)

Catalog #	EPT265
Expression Host	E.coli
DESCRIPTION	Recombinant Human Serine Protease Inhibitor-clade
	B6 is produced by our E.coli expression system and the
	target gene encoding Met1-Pro376 is expressed with
	a Trx, 6His tag at the N-terminus.
Accession	AAH01394.1
Synonyms	Serpin B6; Cytoplasmic Antiproteinase; CAP; Peptidase
	Inhibitor 6; PI-6; Placental Thrombin Inhibitor;
	SERPINB6; PI6; PTI
Mol Mass	60.7 KDa
AP Mol Mass	58-60 KDa, reducing conditions
Purity	Greater than 90% as determined by reducing
	SDS-PAGE.
Endotoxin	Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL
	test.
FORMULATION	Lyophilized from a 0.2 μ m filtered solution of 50mM



+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



Tris-HCl, 10mM CaCl₂, 150mM NaCl, 0.05% Brij-35, pH7.5.

RECONSTITUTION

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING The product is shipped at ambient temperature.Upon receipt, store it immediately at the temperature listed below.

STORAGELyophilized protein should be stored at < -20 ° C,
though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7 °C
for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

www.elkbiotech.com

BACKGROUND Serpin B6 belongs to the serpin family. Serpin B6 localizes to the cytoplasm. Serpin B6 is expressed in many tissues, abundantly by mast cells in different tissues and mastocytoma lesions. Serpin B6 may be



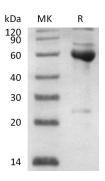
+86-27-59760950

ELKbio@ELKbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



involved in the regulation of serine proteinases present in the brain or extravasated from the blood. In addition, Serpin B6 may play an important role in the inner ear in the protection against leakage of lysosomal content during stress and loss of this protection results in cell death and sensorineural hearing loss.



SDS-PAGE



+86-27-59760950 ELKbio@ELKbiotech.com

.com www.elkk

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C