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## Product Datasheet

### Recombinant Human Serpin B6 (N-Trx-6His) EBT-EPT265

Article Name	Recombinant Human Serpin B6 (N-Trx-6His)
Biozol Catalog Number	EBT-EPT265
Supplier Catalog Number	EPT265
Alternative Catalog Number	EBT-EPT265-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product 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....
Molecular Weight	Molecular weight: 60.7 KDa. Apparent molecular weight: 58-60 KDa, reducing conditions
UniProt	AAH01394.1
Purity	Greater than 90% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: 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.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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 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