

Product Name: Recombinant Human Serpin B6 (N-Trx-6His)
Catalog #: PEH1507

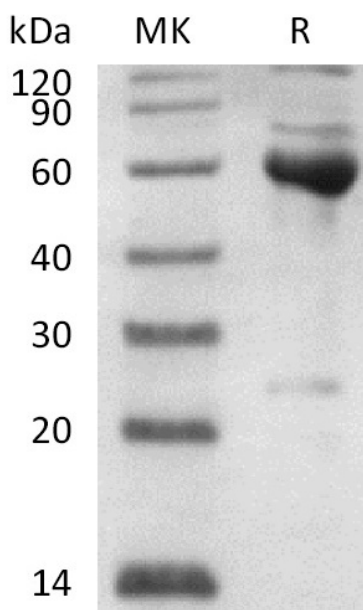


Summary

| | |
|---------------------------------|--|
| Name | Serpin B6 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | 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 |
| Host | E.coli |
| Species | Human |
| Predicted Molecular Mass | 60.7 KDa |
| Formulation | Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM CaCl ₂ , 150mM NaCl, 0.05% Brij-35, pH7.5. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| 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. |

SDS-PAGE image

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Alternative Names

Serpin B6; Cytoplasmic Antiproteinase; CAP; Peptidase Inhibitor 6; PI-6; Placental Thrombin Inhibitor; SERPINB6; PI6; PTI

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.

Note

For Research Use Only , Not for Diagnostic Use.