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Product Datasheet

Recombinant Cynomolgus TSLP (C-6His)
EBT-EPT093

Artikelname	Recombinant Cynomolgus TSLP (C-6His)
Artikelnummer	EBT-EPT093
Hersteller Artikelnummer	EPT093
Alternativnummer	EBT-EPT093-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Cynomolgus Thymic Stromal Lymphopoietin is produced by our E.coli expression system and the target gene encoding Tyr29-Gln159(Glu37Gln) is expressed with a 6His tag at the C-terminus....
Molekulargewicht	Molecular weight: 16.2 KDa. Apparent molecular weight: 16 KDa, reducing conditions
UniProt	XP_005557555.1
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	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. Biological activity: Immobilized Anti-Human TSLP mAb (CatNC066) at 2µg/ml (100 µl/well) can bind Cynomolgus TSLP-His (CatCR62). The ED50 of Cynomolgus TSLP-His (CatCR62) is 4.48 ng/ml. Background: Thymic stromal lymphopoietin (TSLP) is a protein belonging to the cytokine family, contains 140 amino acids. It is known to play an important role in the maturation of T cell populations through activation of antigen presenting cells. TSLP induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c+ dendritic cells. It can induce allergic inflammation by directly activating mast cells. TSLP is produced mainly by non-hematopoietic cells such as fibroblasts, epithelial cells and different types of stromal or stromal-like cells. These cells are located in regions where TSLP activity is required.