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Product Datasheet

Recombinant Human B7-H3 (C-6His)
EBT-EPT290

Artikelname	Recombinant Human B7-H3 (C-6His)
Artikelnummer	EBT-EPT290
Hersteller Artikelnummer	EPT290
Alternativnummer	EBT-EPT290-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human B7 Homolog 3 is produced by our Mammalian expression system and the target gene encoding Leu29-Thr461 is expressed with a 6His tag at the C-terminus....
Molekulargewicht	Molecular weight: 47.3 KDa. Apparent molecular weight: 65-90 KDa, reducing conditions
UniProt	Q5ZPR3
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 Human B7-H3-His(CatCK62) at 2µg/ml (100 µl/well) can bind Anti-Human B7-H3 mAb(CatNC055) The ED50 of Anti-Human B7-H3 mAb(CatNC055) is 7.98 ng/ml. Background: CD276, also known as B7-H3, is a member of the B7 superfamily with signature IgV and IgG regions in extracellular domains. It is a type I transmembrane protein and shares 20-27% amino acid identity with other B7 family members. B7-H3 is involved in the activation of T lymphocytes, and regulates murine bone formation. It is also reported that B7-H3 may play an important role in muscle-immune interactions, providing further evidence of the active role of muscle cells in local immunoregulatory processes. B7-H3 is expressed on T-cells, natural killer cells, and antigen presenting cells, as well as some non-immune cells, such as osteoblasts, fibroblasts, fibroblast-like synoviocytes and epithelial cells. High expression of B7-H3 in tumor vasculature also correlates with poor survival in patients, suggesting that it may play a role in tumor cell migration