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Datasheet for ABIN1684696
IL10RB Protein (C-Term, Extracellular Domain)

Overview

Quantity:	100 µg
Target:	IL10RB
Protein Characteristics:	C-Term, Extracellular Domain
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Sequence:	MAPCVAGWLG GFLVLPALGM IPPPEKVRMN SVNFKNILQW EVPAPFKTNL TFTAQYESYR SFQDHCKRTA STQCDFSHLS KYGDYTVRVR AELADEHSEW VNVTFPCVED TIIGPPMQI 130140150160170180ESLAESLHLR FSAPQIENEP ETWTLKNIYD SWAYRVQYWK NGTNEKFQVW SPYDSEVLRN 1900010203040LEPWTTYCIQ VQGFLDQNR TGEWSEPICE RTGNDEITPS WIVAILIVS VLVVFLFLLG 5060708090300CFVVLWLIYK KTKHTFRSGT SLPQHLKEFL GPHHSTFLL FSFPPPEEAE VFDKLSIISE 310320330340ESEGSKQSPE DNCASEPPSD PGPRESKED EAPSPPHDDP KLLTSTSEV
Specificity:	DNA sequence encoding extracellular domain of Mouse IL-10RB fused to a C-terminal polyHis tag was expressed in HEK cells.
Characteristics:	Recombinant Mouse Interleukin-10RB is a monomer consisting of 12 amino acid residue subunits, and migrates as an approximately 46 kDa protein under reducing conditions in SDS-PAGE.
Purity:	> 90 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/μg(1EU/μg).

Target Details

Target: IL10RB

Alternative Name: IL10RB ([IL10RB Products](#))

Background: TNF-beta TNF-beta is a potent mediator of inflammatory and immune responses. It belongs to the TNF family of ligands and signals through TNFR1 and TNFR2. TNF-beta is produced by activated T and B lymphocytes, and has similar activities to TNF-alpha. Like TNF-alpha TNF-beta is involved in the regulation of various biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, coagulation, and neurotransmission. TNF-beta is secreted as a soluble polypeptide, but can form heterotrimers with lymphotoxin-beta which effectively anchors the TNF-beta to the cell surface. TNF-beta is cytotoxic to a wide range of tumor cells.

UniProt: [Q61190](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.

Buffer: PBS solution pH 7.4.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: The lyophilized protein is stable for at least years from date of receipt at -20 °C. Upon reconstitution, this cytokine can be stored in working aliquots at -8 °C for one month, or at -20 °C for six months, with a carrier protein without detectable loss of activity.

Expiry Date: 12-24 months