

32-6323: CSF2RB Human

Alternative Name :

CSF2RB, Colony Stimulating Factor 2 Receptor, Beta, Low-Affinity (Granulocyte-Macrophage), GM-CSF/IL-3/IL-5 Receptor Common Beta Subunit, CDw131, IL3RB, SMDP5, IL5RB, Interleukin 3 Receptor/Granulocyte-Macrophage Colony Stimulating Factor 3 Receptor, Beta (High Affinity), Colony-Stimulating Factor-2 Receptor, Beta, Low-Affinity, GM-CSF/IL-3/IL-5 Receptor Common Beta-Chain, Cytokine Receptor Common Subunit Beta, CD131 Antigen, CD131.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

GM-CSF Receptor Beta, also known as CSF2RB is a member of the type I cytokine receptor family. CSF2RB is a high affinity receptor for interleukin-3, interleukin-5 as well as granulocyte-macrophage colony-stimulating factor. CSF2RB unique form of receptor assembly applies also to IL-3 and IL-5 receptors, providing a structural basis for understanding their activation mechanism which is essential for the development of therapeutics.

CSF2RB Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 435 amino acids (17-443 a.a) and having a molecular mass of 49.7kDa. CSF2RB is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : CSF2RB protein solution (0.5mg/ml) containing Phosphate Buffered Saline(pH7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks.

Amino Acid : WERSLAGAEETIPLQTLRCYNDYTSHITCRWADTQDAQRLVNVTLIRRVNEDLLEPVSCD
LSDDMPWSACPHPRCVPRRCVIPQSFVVTVDYFQFPDRPLGTRTLVTLTQHVQPPEP
RDLQISTDQDHLLTWSVALGSPQSHWLSFGDLEFEVYKRLQDSWEDAAILLSNTSQAT
LGPEHLMPSSTYVARVRTRLAPGSRLSGRPKWSPEVCWDSQPGDEAQPQNLECFDGA
VLSCSWEVRKEVASSVSFGLFYKPSPDAGEECSPLVREGLGSLHTRHHCQIPVPDPATH
GQYIVSVQPRRAEKHIKSSVNIQMAPPVSLNVTKDGDSYSLRWETMKMRYEHIDHTFEIQY
RKDTATWKDSKTETLQNAHSMALPALEPSTRYWARVRVRTSRTGYNGIWS EWSEARSWDT
ESVLPMWLEHHHHH.