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# 32-6323: CSF2RB Human

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| **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

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| **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 :** | WERSLAGAEE TIPLQTLRCY NDYTSHITCR WADTQDAQRL VNVTLIRRVN EDLLEPVSCD LSDDMPWSAC PHPRCVPRRC VIPCQSFVVT DVDYFSFQPD RPLGTRLTVT LTQHVQPPEP RDLQISTDQD HFLLTWSVAL GSPQSHWLSP GDLEFEVVYK RLQDSWEDAA ILLSNTSQAT LGPEHLMPSS TYVARVRTRL APGSRLSGRP SKWSPEVCWD SQPGDEAQPQ NLECFFDGAA VLSCSWEVRK EVASSVSFGL FYKPSPDAGE EECSPVLREG LGSLHTRHHC QIPVPDPATH GQYIVSVQPR RAEKHIKSSV NIQMAPPSLN VTKDGDSYSL RWETMKMRYE HIDHTFEIQY RKDTATWKDS KTETLQNAHS MALPALEPST RYWARVRVRT SRTGYNGIWS EWSEARSWDT ESVLPMWLEH HHHHH. |