9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6423: IL3RA Human

Alternative Name :	Interleukin 3 Receptor Subunit Alpha, Interleukin 3 Receptor, Alpha (Low Affinity), IL-3 Receptor Subunit Alpha, IL-3R Subunit Alpha, CD123 Antigen, IL-3R-Alpha, IL-3RA, IL3R, Interleukin-3 Receptor Subunit Alpha, IL-3 Receptor Alpha SP2 Isoform, HIL-3Ra, IL3RAY, CD123, IL3RX, IL3RY, IL3RA.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
IL3RA, also known as Interleukin 3 Receptor Subunit Alpha, is a single-pass type 1 membrane protein which is a member of the type 1 cytokine receptor family as well as type 5 subfamily. IL3RA is a pleiotropic cytokine which is produced mainly by activated T cells or mast cells. Moreover, the specific alpha subunit of the interleukin 3 receptor is strongly expressed in a variety of leukemic blasts as well as leukemic stem cells and appears to be a great target for the therapy of leukemias.
IL3RA produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (20-305 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 295 amino acids and having a molecular mass of 34.1kDa.IL3RA shows multiple bands between 40-57kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	IL3RA protein solution (0.5mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADLKEDPNPP ITNLRMKAKA QQLTWDLNRN VTDIECVKDA DYSMPAVNNS YCQFGAISLC EVTNYTVRVA NPPFSTWILF PENSGKPWAG AENLTCWIHD VDFLSCSWAV GPGAPADVQY DLYLNVANRR QQYECLHYKT DAQGTRIGCR FDDISRLSSG SQSSHILVRG RSAAFGIPCTDKFVVFSQIE ILTPPNMTAK CNKTHSFMHW KMRSHFNRKF RYELQIQKRM QPVITEQVRD RTSFQLLNPG TYTVQIRARE RVYEFLSAWS TPQRFECDQE EGANTRAWRH HHHHH.

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