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32-6438: IL7R Human

Alternative Name :	IL7R, Interleukin 7 Receptor, IL-7 Receptor Subunit Alpha, IL-7R Subunit Alpha,CD127 Antigen, IL-7R-Alpha, CDW127, Interleukin-7 Receptor Subunit Alpha, Interleukin 7 Receptor Isoform H5-6, Interleukin 7 Receptor Alpha Chain, IL-7RA,CD127, IL7RA, ILRA.Â Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Interleukin-7 receptor (IL7R) ,is a hematopoietin receptor superfamily member. IL7R takes a vital part in lymphocyte differentiation, proliferation, multiple sclerosis, as well as survival. IL7R protein signaling is vital for T-cell development and regulation of native and memory T-cell homeostasis. Likewise, IL7R is critically needed for the proper function & development of lymphoid cells.
IL7R produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 461 amino acids (21-239a.a.) and having a molecular mass of 52.5kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). IL7R is expressed with an 242 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	IL7R protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
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 :	ADLESGYAQN GDLEDAELDD YSFSCYSQLE VNGSQHSLTC AFEDPDVNIT NLEFEICGAL VEVKCLNFRK LQEIYFIETK KFLLIGKSNI CVKVGEKSLT CKKIDLTTIV KPEAPFDLSV VYREGANDFV VTFNTSHLQK KYVKVLMHDV AYRQEKDENK WTHVNLSSTK LTLLQRKLQP AAMYEIKVRS IPDHYFKGFW SEWSPSYYFR TPEINNSSGE MDLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H