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32-13650: IL4I1 Human

Format : IL4I1 protein solution (0.25mg/ml) contains 25mM MES pH-5.5, 40% glycerol and 100mM NaCl.
Alternative Name : IL-4I1, IL4I1, IL4-I1, IL4I-1

Description

Source:Sf9, Baculovirus cells.
Physical Appearance:Sterile filtered colorless solution.
Biological Activity> 300 pmol/min/ug, defined as the amount of enzyme that oxidize 3-phenylpyruvate pH-7 at 25C.
IL4I1 is a secreted L-amino acid oxidase protein that mainly catabolizes L-phenylalanine. IL4I1 eexpression is induced by the IL4 in B cells.IL4I1 is expressed in dendritic cells & macrophagesIL4I1 takes part in the immune system since it is expressed in tumor-associated macrophages and suppresses T-cell responses. IL4I1 plays a role in the binding of flavin adenine dinucleotide cofactor.
IL4R produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (26-232 a.a.) and fused to an 8 aa His Tag at C-terminus containing a total of 215 amino acids and having a molecular mass of 24.7kDa.IL4R shows multiple bands between 28-40kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg
Purification : Greater than 90% as determined by SDS-PAGE.
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 : ADL QDWKAER SQDPFEKCMQ DPDYEQLLKV VTWGLNRTLK PQRVIVVGAG VAGLVAAKVL SDAGHKVTIL EADNRIGGRI FTYRDQNTGW IGELGAMRMP SSHRILHKLC QGLGLNLTKF TQYDKNTWTE VHEVKLRNYV VEKVPEKLGY ALRPQEKGHS PEDIYQMALN QALKDLKALG CRKAMKKFER HTLLEYLLGE GNLSRPAVQL LGDVMSEDGF FYLSFAEALR AHSCLSDRLQ YSRIVGGWDL LPRALLSSLS GLVLLNAPVV AMTQGPHDVH VQIETSPPAR NLKVLKADVV LLTASGPAVK RITFSPPLPR HMQEALRRLH YVPATKVFLS FRRPFWREEH IEGGHSNTDR PSRMIFYPPP REGALLLASY TWSDAAAAFA GLSREEALRL ALDDVAALHG PVVRQLWDGT GVVKRWAEDQ HSQGGFVVQP PALWQTEKDD WTVPYGRIYF AGEHTAYPHG WVETAVKSAL RAAIKINSRK GPASDTASPE GHASDMEGQG HVHGVASSPS HDLAKEEGSH PPVQGQLSLQNTTHTRTSH H HHHHHH

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