

Product datasheet for TP318581

IL3RB (CSF2RB) (NM_000395) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage) (CSF2RB), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC218581 representing NM_000395
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MVLAQGLLSMALLALCWERSLAGAEETIPLQTLRCYNDYTSHITCRWADTQDAQRLVNVTLIRRVEDLL
EPVSCDLSDDMPWSACPHPRCVPRRCVIPCQSFVVDVDYFSFQPDRLGTRLTVTLTQHVPPEPRDLQ
ISTDQDHFLLTWSVALGSPQSHWLSPGDLEFEVVKRLQDSWEDAAILLSNTSQATLGPEHLMPSSTYVA
RVRTRLAPGSRLSGRPSKWSPEVCWDSQPGEAQPQNLECFDGAAVLSCSWEVRKEVASSVSFGLFYKP
SPDAGEEEECSPVLRGLSLHTRHHCQIPVDPATHGQYIVSVQPRRAEKHIKSSVNIQMAPPVSLNVTKD
GDSYSLRWETMKMRYEHIDHTFEIQYRKDTATWKDSKTETLQNAHSMALPALEPSTRYWARVRVTSRTG
YNGIWSEWSEARSWDTESVLPMMWLALIVIFLTIALLRFCGIYGYRLRRKWEKIPNPSKSHLFQNG
SAELWPPGMSAFTSGSPPHQGPWGSRFPELEGVFPVGFVDSEVSPLTIEDPKHVCDPPSGPDTTPAASD
LPTEQPPSPQGPAAASHTPEKQASSFDNPGPYLGPVHSRSLPDILGQPEPPQEGGSQKSPPPGSLEYLC
LPAGGQVQLVPLAQAMGPGQAVEVERRPSQGAAGSPSLESGGPAPPALGPRVGGQDQKDSVPAIPMSSG
DTEDPGVASGYVSSADLVFTPNVSGASSVSLVPSLGLPSDQTPSLCPGLASGPPGAPGPVKSGFEGYVELP
PIEGRSPRSPRNNPVPPEAKSPVLPNGERPADVSPTSPQPEGLLVLQVGDYCFPLGPGPLSLRSKPS
SPGPGPEIKNLDQAFQVKKPPGQAVPQVPVIQLFKALKQQDYLSLPPWEVKNKPGVC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

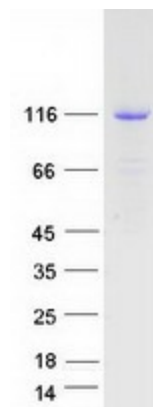
Tag:	C-Myc/DDK
Predicted MW:	95.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000386
Locus ID:	1439
UniProt ID:	P32927 , Q6NSJ8
RefSeq Size:	2996
Cytogenetics:	22q12.3
RefSeq ORF:	2691
Synonyms:	betaGMR; CD131; CDw131; IL3RB; IL5RB; SMDP5
Summary:	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Product images:



Coomassie blue staining of purified CSF2RB protein (Cat# TP318581). The protein was produced from HEK293T cells transfected with CSF2RB cDNA clone (Cat# [RC218581]) using MegaTran 2.0 (Cat# [TT210002]).