

**CSF2RA, 20-320aa, Human, His tag, E.coli**

**Cat.NO.: TP01738**

---

3th Edition

**Synonyms:** Colony stimulating factor 2 receptor, alpha, low-affinity, CD116, CDw116, CSF2R, GM-CSF-R-alpha, GMCSFR, GMR, SMDP4

**Description:** CSF2RA is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. This protein is a member of the cytokine family of receptors. It is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. Recombinant human CSF2RA protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

**Molecular Weight:** 37.2 kDa (324aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSLIPEKSDLRTVAPASSLNVRFDSTRMNLWDCQENTTFKCFLLTDKKNRVV  
EPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNSGREGTAAQNFSCFIYNADLMNCTWARGPTAP  
RDVQYFLYIRNSKRRREIRCPYYIQDSGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSSLDTKKIERFNPPSN  
VTVRCNTTHCLVRWKQPRTYQKLSYLDYFQYQLDVHRKNTQPGTENLLINVSGDLENRYNFPSSSEPRAKHSVKIRAA  
DVRILNWSSWSEAIEFGSDDG

**Purity:** > 95% by HPLC

**Concentration:** 1mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.