

## Product datasheet for **AR51187PU-N**

### CD116 / CSF2RA (20-320, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	CD116 / CSF2RA (20-320, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSLIPEKSD LRTVAPASSL NVRFDSRTMN LSWDCQENTT FSKCFITDKK NRVVEPRLSN NECSCTFREI CLHEGVTFEV HVNTSQRGFQ QKLLYPNSGR EGTAAQNFSC FIYNADLMNC TWARGPTAPR DVQYFLYIRN SKRRREIRCP YIQDSDGTHV GCHLDNLSGL TSRNYFLVNG TSREIGIQFF DSLLDTKKIE RFNPPSNVTV RCNTHCLVR WKQPRTYQKL SYLDFQYQLD VHRKNTQPGT ENLLINVSGD LENRYNFPSS EPRAKHSVKI RAADVRLNW SSWSEAIEFG SDDG
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	37.2 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CSF2RA protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001155001</a>
<b>Locus ID:</b>	1438
<b>UniProt ID:</b>	<a href="#">P15509</a>
<b>Cytogenetics:</b>	X;Y



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**Synonyms:** GM-CSF-R-alpha, GMR, CSF2R, CSF2RY, GMCSF Receptor alpha, GM-CSF Receptor alpha

**Summary:** The protein encoded by this gene 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. The encoded protein is a member of the cytokine family of receptors. This gene 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway, Pathways in cancer

### Product images:

