

# Product datasheet for AR51187PU-N

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

#### **Product data:**

#### OriGene Technologies, Inc.

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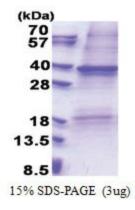
Product Type:	Recombinant Proteins
Description:	CD116 / CSF2RA (20-320, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSLIPEKSD LRTVAPASSL NVRFDSRTMN LSWDCQENTT FSKCFLTDKK NRVVEPRLSN NECSCTFREI CLHEGVTFEV HVNTSQRGFQ QKLLYPNSGR EGTAAQNFSC FIYNADLMNC TWARGPTAPR DVQYFLYIRN SKRREIRCP YYIQDSGTHV GCHLDNLSGL TSRNYFLVNG TSREIGIQFF DSLLDTKKIE RFNPPSNVTV RCNTTHCLVR WKQPRTYQKL SYLDFQYQLD VHRKNTQPGT ENLLINVSGD LENRYNFPSS EPRAKHSVKI RAADVRILNW SSWSEAIEFG SDDG
Tag:	His-tag
Predicted MW:	37.2 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	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
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CSF2RA protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001155001</u>
Locus ID:	1438
UniProt ID:	<u>P15509</u>
Cytogenetics:	X;Y



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	D116 / CSF2RA (20-320, His-tag) Human Protein – AR51187PU-N
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:



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