

# Product Datasheet

## Recombinant Human GM-CSFR alpha Protein **NBP2-61197-5ug**

Unit Size: 5 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 5/13/2019 v.20.1

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**NBP2-61197-5ug**

Recombinant Human GM-CSFR alpha Protein

**Product Information**

<b>Unit Size</b>	5 ug
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	PBS (pH 7.4), 10% glycerol
<b>Target Molecular Weight</b>	35.9 kDa

**Product Description**

<b>Description</b>	A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids20-320 of Human GM-CSF R alpha  <b>Source:</b> <i>Baculovirus</i>  <b>Amino Acid Sequence:</b> ADPLIPEKSD LRTVAPASSL NVRFDSRTMN LSWDCQENTT FSKCFLTDKK NRVVEPRLSN NECSCTFREI CLHEGVTFEV HVNTSQRGFQ QKLLYPNSGR EGTAQQNFSC FIYNADLMNC TWARGPTAPR DVQYFLYIRN SKRRREIRCP YYIQDSGTHV GCHLDNLSGL TSRNYFLVNG TSREIGIQFF DSLLDTKKIE RFNPPSNVTV RCNTTHCLVR WKQPRTYQKL SYLDFQYQLD VHRKNTQPGT ENLLINVSGD LENRYNFPSS EPRAKHSVKI RAADVIRILNW SSWSEAIIEFG SDDGHHHHHH
<b>Gene ID</b>	1438
<b>Gene Symbol</b>	CSF2RA
<b>Species</b>	Human
<b>Details of Functionality</b>	Measured by its ability to inhibit GM-CSF dependent proliferation of TF1 human erythroleukemic cells. The ED50 for this effect is less or equal to 10ug/ml in the presence of 0.5ng/ml GM-CSF.
<b>Endotoxin Note</b>	< 1.0 EU per 1ug of protein (determined by LAL method)

**Product Application Details**

<b>Applications</b>	Functional, SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	Functional, SDS-Page, Bioactivity



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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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