

Recombinant Rat Flt3lg Protein, His-tagged

Cat. No. Flt3lg-2189R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Flt3lg Protein (Thr28-Val218) with a N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr28-Val218
Description	Predicted to enable identical protein binding activity and receptor tyrosine kinase binding activity. Involved in positive regulation of natural killer cell proliferation. Predicted to be located in cell surface and extracellular space. Predicted to be intrinsic component of external side of plasma membrane. Used to study pancreatic cancer. Human ortholog(s) of this gene implicated in colon carcinoma; glioblastoma; and high grade glioma. Orthologous to human FLT3LG (fms related receptor tyrosine kinase 3 ligand).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5 kDa Accurate Molecular Mass: 26 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Flt3lg Fms related receptor tyrosine kinase 3 ligand [Rattus norvegicus (Norway rat)]
Official Symbol	Flt3lg
Synonyms	Flt3lg; Fms related receptor tyrosine kinase 3 ligand; Gm45713; fms-related tyrosine kinase 3 ligand rCG54594-like
Gene ID	103691134
mRNA Refseq	NM_001305939
Protein Refseq	NP_001292868

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA