

Recombinant human Flt3 / CD135 protein ab55709

3 Images

Description

Product name	Recombinant human Flt3 / CD135 protein
Biological activity	Specific Activity: 70 nmol/min/mg
Purity	> 75 % Densitometry. Affinity purified.
Expression system	Insect cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	73 kDa including tags
Amino acids	571 to 993
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab55709** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Liquid
Additional notes	ab64311 (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

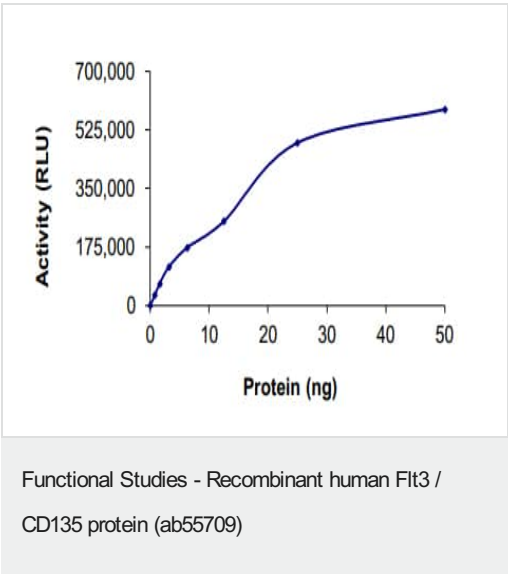
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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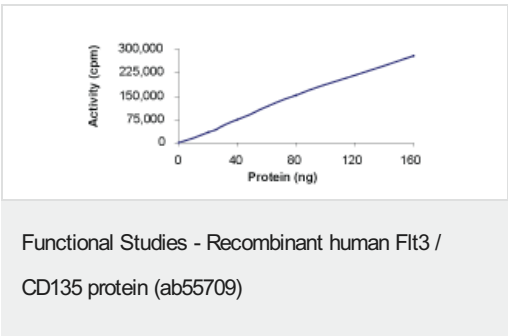
General Info

Function	Receptor for the FL cytokine. Has a tyrosine-protein kinase activity.
Tissue specificity	Bone marrow cells.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 protein kinase domain.
Cellular localization	Membrane.

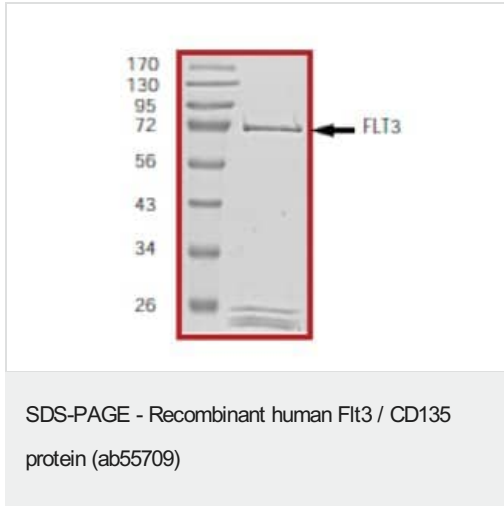
Images



The specific activity of Flt3 / CD135 (ab55709) was determined to be 68 nmol/min/mg as per activity assay protocol and was equivalent to 60 nmol/min/mg as per radiometric assay



Kinase activity plot using ab55709. Specific activity: 70 nmol/min/mg.



SDS-PAGE analysis of ab55709, with molecular weight markers.

Approximate molecular weight: 73kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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