

Product: Flt3-Ligand (Sf9 derived), Human Recombinant
Catalog #: 11-FLT3H-Sf9
Amount: 5 µg

DESCRIPTION: Recombinant Human Flt3-Ligand produced in Sf9 insect cells is a glycosylated, polypeptide chain containing 155 amino acids and having migrating on SDS-PAGE at 19kDa.
rHuFlt3-Ligand is purified by proprietary chromatographic techniques
The sequence of the first five N-terminal amino acids was determined and was found to be Thr-Gln-Asp-Cys-Ser.

SOURCE: *Insect cells Sf9*

PURITY: Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC.
(c) Analysis by reducing and non-reducing SDS-PAGE Silver-Stained gel.

ENDOTOXIN: < 0.1 ng/µg (IEU/µg) of rHuFlt3-Ligand.

DIMERS & AGREGATES: < 1% as determined by silver-stained SDS-PAGE gel analysis

FORM: Purified

PROTEIN CONTENT: Protein quantitation was carried out by two independent methods:
1. UV spectroscopy at 280 nm.
2. Analysis by RP-HPLC, using a standard of rHuFlt3-Ligand as a Reference Standard.

STORAGE: -20°C (aliquot), avoid repeated freeze and thaw cycles

BIOLOGICAL ACTIVITY: rHuFlt3-Ligand is fully biologically active when compared to standard.
The ED50, calculated by the dose-dependant stimulation of the proliferation of human MUTZ-2cells is < 3.0 ng/ml

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489 Common Street, Belmont, MA 02478, USA; Email: info@arp1.com or staff@arp1.com
Phone: 800-832-2611 or 617-489-1120 Fax: 888-832-2613 or 617-489-5120