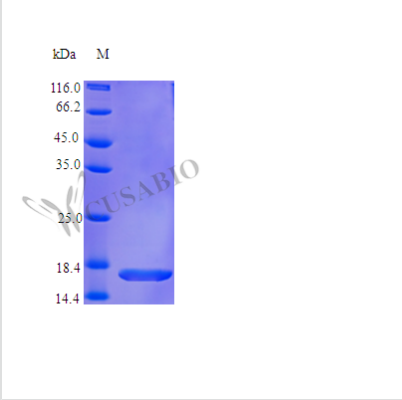
Recombinant Human Fms-related tyrosine kinase 3 ligand protein (FLT3LG), partial (Active)

Product Code	CSB-AP002201HU
Abbreviation	Recombinant Human FLT3LG protein, partial (Active)
Uniprot No.	P49771
Storage Buffer	0.2 μm filtered PBS, pH 7.0 ,lyophilized
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human AML5 cells is less than 1.0 ng/ml, corresponding to a specific activity of >1.0x10^6 IU/mg.
Purity	>97% as determined by SDS-PAGE.
Sequence	TQDCSFQHSP ISSDFAVKIR ELSDYLLQDY PVTVASNLQD EELCGGLWRL VLAQRWMERL KTVAGSKMQG LLERVNTEIH FVTKCAFQPP PSCLRFVQTN ISRLLQETSE QLVALKPWIT RQNFSRCLEL QCQPDSSTLP PPWSPRPLEA TAPTA
Research Area	Immunology
Source	E.Coli
Target Names	FLT3LG
Expression Region	27-181aa
Tag Info	Tag-Free
Mol. Weight	17.6 kDa
Protein Length	Partial
PubMed ID	8145851; 8180375; 7566977; 14702039; 15057824; 15489334; 10881197

Image



Description

Empower your immunology research with our premium Recombinant Human

	FLT3LG protein, also known as Fms-related tyrosine kinase 3 ligand, Flt3 ligand, Flt3L, or SL cytokine. Sourced from E.coli, this partial protein (27-181aa) is supplied in a tag-free format, ensuring a native-like structure and function. With a purity of >97% as confirmed by SDS-PAGE and HPLC, and endotoxin levels <1.0 EU/μg as determined by the LAL method, this protein guarantees minimal interference in your experiments. Recombinant Human FLT3LG is fully biologically active, as demonstrated by its ability to stimulate cell proliferation in human AML5 cells with an ED_{50} of less than 1.0 ng/ml, corresponding to a specific activity of ?1.0 × 10^6 IU/mg. Delivered as lyophilized powder, our Recombinant Human FLT3LG protein enables you to advance your immunology research with consistent results and precision scientific quality you can rely on.
Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.