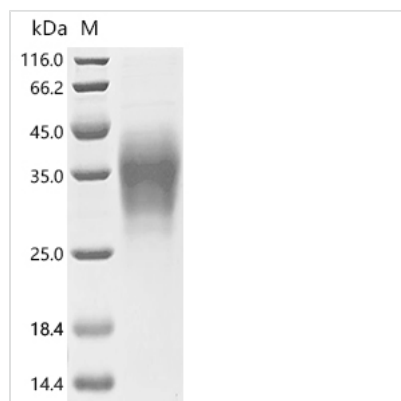




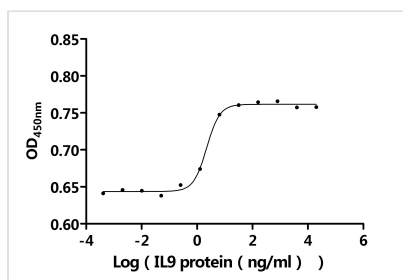
Recombinant Human Interleukin-9 (IL9) (Active)

Product Code	CSB-MP011675HU
Abbreviation	Recombinant Human IL9 protein (Active)
Storage	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.
Uniprot No.	P15248
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by the dose-dependent stimulation of the proliferation of MO7e cells is 1.764-2.806 ng/mL in the presence of 5 ng/mL of recombinant human KITLG protein (CSB-MP002061HU1).
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	QGCPTLAGILDINFLINKMQEDPASKCHCSANVTSCCLCLGIPSDNCTRPCFSER LSQMTNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTAGNALTFLL KSLLEIFQKEKMRGMRGKI
Source	Mammalian cell
Target Names	IL9
Expression Region	19-144aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	15.5 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.


Activity

The ED₅₀ as determined by the dose-dependent stimulation of the proliferation of MO7e cells is 1.764-2.806 ng/mL in the presence of 5 ng/mL of recombinant human KITLG protein (CSB-MP002061HU1).

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.