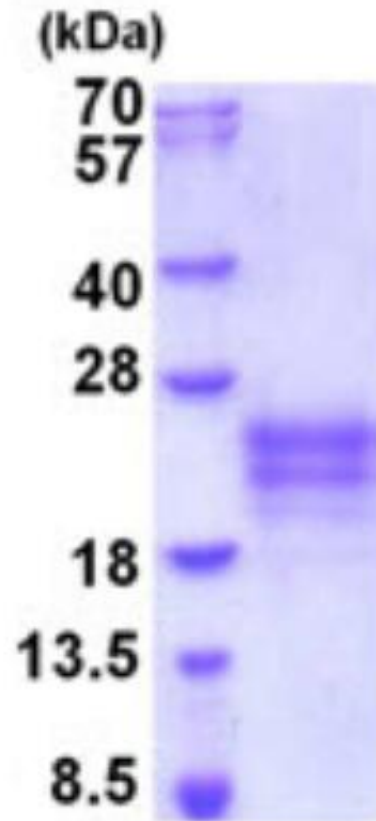


Recombinant Human IL9 Protein (19-144aa), C-His-Tagged

Product Information

Cat	IMP-9354
Official Symbol	IL9
Product Overview	Recombinant human IL9, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Description	Interleukin 9, also known as IL-9, is a cytokine (cell signalling molecule) belonging to the group of interleukins. This protein produced by T-cells and specifically by CD4+ helper cells that acts as a regulator of a variety of hematopoietic cells and stimulates cell proliferation and prevents apoptosis. It functions through the interleukin-9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes.
Expression System	Baculovirus
Species	Human
Tag	C-His
Form	Liquid in Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Molecular Mass	14.9 kDa (132 aa)
Protein length	19-144
AA Sequence	QGCPTLAGILDINFLINKMQEDPASKCHCSANVTSCCLGLIPSDNCTRPCF SERLSQMTNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTA GNALTFLKSLLEIFQKEKMRGMRGKI<HHHHHH>
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 85% by SDS-PAGE
Applications	SDS-PAGE
Notes	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by BCA assay)
SDS-PAGE	



15% SDS-PAGE (3ug)

3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.