



Interleukin-9 Human Recombinant, Sf9

Item Number	rAP-0674
Synonyms	Interleukin 9, T-Cell Growth Factor P40, Homolog Of Mouse T Cell And Mast Cell Growth Factor 40, P40 T-Cell And Mast Cell Growth Factor, P40 Cytokine, Cytokine P40, IL-9, Interleukin-9, HP40, P40.
Description	IL-9 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (19-144 a.a.) including an 18 aa signal peptide (1-18 aa) and fused to a 6 aa His Tag at C-terminus containing a total of 150 amino acids and having a molecular mass of 14.5kDa. IL9 shows multiple bands between 18-28kDa on SDS-
Uniprot Accession Number	P15248
Amino Acid Sequence	MLLAMVLTSA LLLCSVAGQG CPTLAGILDI NFLINKMQED PASKCHCSAN VTSCLCGLIP SDNCTRPCFS ERLSQMTNTT MQTRYPLIFS RVKKSVEVLK NNKCPYFSCE QPCNQTTAGN ALTFLKSLLE IFQKEKMRGM RGKIHVVVVVVH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	IL-9 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**