

Intrinsic Factor Human Recombinant

Item Number	rAP-4369
Synonyms	Gastric intrinsic factor, Intrinsic factor, INF, IF, GIF, IFMH, TCN3, Cobalamin/Vitamin B-12 binding transport protein.
Description	Intrinsic Factor Human Recombinant produced in baculovirus is a glycosylated, polypeptide chain containing having a molecular mass of 55,000 Dalton. The Intrinsic Factor is fused to a hexa-histidine at the C-terminus and purified by proprietary chromatographic techniques for removal of bound Vitamin B-
Uniprot Accession Number	P27352
Amino Acid Sequence	
Source	Sf9 Insect Cells.
Physical Appearance and Stability	Sterile Filtered pink solution. (The reactivity of the antigen is about 10 times higher when adding vitamin B12). 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	The protein solution (0.7mg/ml) contains 20mM HEPES pH-8, 100mM NaCl, 20% Glycerol. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis 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**