

RELM-Beta Human Recombinant

Item Number	rAP-0731
Synonyms	Resistin-like beta, RELM beta, Cysteine-rich secreted protein FIZZ2, Colon and small intestine-specific cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 1, Colon carcinoma-related gene protein, RELM-b, XCP2, HXCP2.
Description	RELM-b Human Recombinant produced in E.Coli is a disulfide-linked homodimer, non-glycosylated, polypeptide chain containing 2 x 89 amino acids and having a total molecular mass of 19kDa. RELM-b is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BQ08
Amino Acid Sequence	MQCSLDSVMD KKIKDVLNSL EYSPSPISKK LSCASVKSQG RPSSCPAGMA VTGCACGYGC GSWDVQLETT CHCQCSVVDW TTARCCHLT.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized RELM-b although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution RELM-b Human Recombinant should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	RELM-b was lyophilized from a solution containing 0.1% Trifluoroacetic Acid (TFA). Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized RELM-b in sterile 0.1% TFA not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
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**