

Cysteine-Rich Secretory Protein 1 Human Recombinant

Item Number	rAP-3139
Synonyms	Cysteine-rich secretory protein 1, ARP, CRISP-1, AEGL1, Acidic epididymal glycoprotein-like 1, HSCRISP1D, HSCRISP1G, HUMARP, AEG-like protein, cysteine-rich secretory protein-1 delta.
Description	The CRISP1 Protein Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (Lys 22 - Lys 249) having a molecular mass of 27kDa. CRISP1 is fused to 10 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P54107
Amino Acid Sequence	MKHHHHHHAS KKKSARDQFN KLVTDLPNVQ EEIVNIHNAL RRRVPPASN MLKMSWSEEA AQNARIFSKY CDMTESNPLE RRLPNTFCGE NMHMTSYPVS WSSVIGVWYS ESTSFKHGEW TTT- DDITTD HYTQIVWATS YLIGCAIASC RQQGSPRYLY VCHYCHEGND PETKNPEYKT GVPCEACPSN CEDKLCCTNPC IYYDEYFDCD IQVHYLGCNH STTILFCKAT CLCDTEIK
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized CRISP1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CRISP1 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	The protein was lyophilized from a 0.5mg/ml solution containing 20mM TRIS, 50mM NaCl, pH 7.5. Greater than 85% as determined by SDS-PAGE.
Application	Western blotting, ELISA.
Solubility	It is recommended to reconstitute the lyophilized CRISP1 in sterile 18M ² -cm H ₂ O 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**