

Human CRISP1 Recombinant Protein



RPPB3254

Product Information Protein Information

Product SKU:

RPPB3254

Accession:

P54107

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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.

Formulation:

The protein was lyophilized from a 0.5mg/ml solution containing 20mM TRIS, 50mM NaCl, pH 7.5.

Purity:

Greater than 85% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CRISP1 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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.

Amino Acid Sequence:

MKHHHHHHAS KKSARDQFN KLVTDLPNVQ EEIVNIHNL RRRVPPASN MLKMSWSEEA AQNARIFSKY
CDMTESNPLE RRLPNTFCGE NMHMTSYPVS WSSVIGVWYS ESTSFKHGEW TTTDDDDITTD HYTQIVWATS
YLIGCAIASC RQQGSPLYLY VCHYCHEGND PETKNEPYKT GVPCEACPSN CEDKLCCTNPC IYDEYFDCCD
IQVHYLGCNH STTILFCKAT CLCDTEIK