32-3598: CRISP3 Recombinant Protein

Alternative Name : Cysteine-Rich Secretory Protein 3,Specific Granule Protein of 28 KDa,CRISP-3,SGP28,Cysteine-Rich Secretory Protein-3,Specific Granule Protein (28 KDa),DJ442L6.3,CRS3,Aeg2,CRISP3.

Description

Source : Escherichia Coli. CRISP3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (21-245) containing 235 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 26.74kDa. Cysteine-rich secretory protein 3 (CRISP3) is a member of the CRISP family of proteins having a pathogenesis related protein 1 (PR1) domain at its N-terminal and ion channel regulatory (ICR) domain at its C-terminal linked by a hinge region. CRISP3 transcripts are present predominantly in the prostate. CRISP3 expression is low in benign prostatic epithelium but is highly upregulated in the majority of high-grade prostatic intraepithelial neoplasia lesions and in most primary prostate tumors and metastases. CRISP3 is one of the genes which are most often upregulated in prostate cancer. Human Prostate Secretory Protein (PSP94 binds human CRISP3 with a very high affinity.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	CRISP3 filtered (0.4µm) solution at a concentration of 0.3mg/ml in 50mM acetate buffer pH 4, 5mM DTT and 20% glycerol.
Storage condition :	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.
Amino Acid :	MKHHHHHHASNEDKDPAFTA LLTTQTQVQR EIVNKHNELR RAVSPPARNM LKMEWNKEAA ANAQKWANQC NYRHSNPKDR MTSLKCGENL YMSSASSSWS QAIQSWFDEY NDFDFGVGPK TPNAVVGHYT QVVWYSSYLV GCGNAYCPNQ KVLKYYYVCQ YCPAGNWANR LYVPYEQGAP CASCPDNCDD GLCTNGCKYE DLYSNCKSLK LTLTCKHQLV RDSCKASCNC SNSIY.