9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CRISP3 Human

Cysteine-Rich Secretory Protein 3 Human Recombinant
RCP0528

Product Overview

Name	CRISP3 Human
Description	
Cysteine-Rich Secretory Protein 3 Human Recombinant	
Accession (Primary)	P54108
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered colorless solution.	
Formulation	
CRISP3 filtered (0.4 µm) solution at a concentration of 0.3mg/ml in 50mM acetate buffer pH 4, 5mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS NEDKDPAFTA LLTTQTQVQR EIVNKHNELR RAVSPPARNM LKMEWNKEAA ANAQKWANQC	

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NYRHSNPKDR MTSLKCGENL YMSSASSSWS QAIQSWFDEY NDFDFGVGPK TPNAVVGHYT QVVWYSSYLV GCGNAYCPNQ KVLKYYYVCQ YCPAGNWANR LYVPYEQGAP CASCPDNCDD GLCTNGCKYE DLYSNCKSLK LTLTCKHQLV RDSCKASCNC SNSIY.

Precautions

CRISP3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P54108)