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CRISP2 Human

Cysteine-Rich Secretory Protein 2 Human Recombinant
RCP0527

Product Overview

Name	CRISP2 Human
Description	
Cysteine-Rich Secretory Protein 2 Human Recombinant	
Accession (Primary)	P16562
Synonyms	
Cysteine-Rich Secretory Protein 2, Cancer/Testis Antigen 36, TPX1, Testis Specific Protein 1 (Probe H4-1 P3-1), Testis-Specific Protein TPX-1, CRISP-2, GAPDL5, TSP1, CT36, Glyceraldehyde-3-Phosphate Dehydrogenase-Like 5, CRISP2.	
Introduction	
Cysteine-Rich Secretory Protein 2 (CRISP2) regulates some ion channels activity and thereby regulates calcium fluxes during sperm capacitation. Amongst its related pathways are p53 signaling. Diseases related with CRISP2 include epididymitis and orchitis.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered colorless solution.	
Formulation	
CRISP2 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS KDPAFTALLT TQLQVQREIV NKHNELRKAV SPPASNMLKM EWSREVTTNA QRWANKCTLQ HSDPEDRKTS TRCGENLYMS SDPTSWSSAI QSWYDEILDF VYGVGPKSPN AVVGHYTQLV WYSTYQVGCG IAYCPNQDSL KYYYVCQYCP AGNNMNRKNT PYQQGTPCAG CPDDCDKGLC TNSCQYQDLL SNCDSLKNTA	

GCEHELLKEK CKATCLCENK IY.

Precautions

CRISP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16562)