

32-3597: CRISP2 Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. CRISP2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (22-243) containing 232 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 26.32kDa. 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.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : CRISP2 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 : MKHHHHHHASKDPAFTALLT TQLVQREIV NKHNELRKAV SPPASNMLKM EWSREVTNA
QRWANKCTLQ HSDPEDRKTS TRCGENLYMS SDPTSWSSAI QSWYDEILDF VYGVGPKSPN
AVVGHYTQLV WYSTYQVGCG IAYCPNQDSL KYYYVCQYCP AGNNMNRKNT PYQQGTPCAG
CPDDCDKGLC TNSCQYQDLL SNCDLKNNTA GCEHELLKEK CKATCLCENK IY.