

## 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 TQLQVQREIV NKHNELRKAV SPPASNMLKM EWSREVTNA  
 QRWANKCTLQ HSDPEDRKTS TRCGENLYMS SDPTSWSSAI QSWYDEILDF VYGVGPKSPN  
 AVVGHYTQLV WYSTYQVGCG IAYCPNQDSL KYYYVCQYCP AGNNMNRKNT PYQQGTPCAG  
 CPDDCDKGLC TNSCQYQDLL SNCDLKNNTA GCEHELLKEK CKATCLCENK IY.

