
Product Data Sheet

Product Name: CRISP2 Human
 Cat. No.: GP23225
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MKHHHHHHASKDPAFTALLT TQLQVQREIV NKHNELRKAV SPPASNMLKM EWSREVTNA QRWANKCTLQ HSDPEDRKTS TRCGENLYMS SDPTSWSSAI QSWYDEILDF VYGVGPKSPN AVVGHYTQLV WYSTYQVGCG IAYCPNQDSL KYYYVCQYCP AGNNMNRKNT PYQQGTPCAG CPDDCDKGLC TNSCQYQDLL SNCDSLKNTA GCEHELLKEK CKATCLCENK IY.		
Formulation	CRISP2 filtered (0.4µm) solution at a concentration of 0.3mg/ml in 50mM acetate buffer, pH 4, 5mM DTT and 20%glycerol.		

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.

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.

Background

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-

Caution: Product has not been fully validated for medical applications. For research use only.

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terminus. The total calculated molecular mass is 26.32kDa.

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