Recombinant Human CRISP-3 (C-6His)

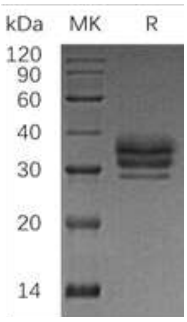
Catalog No: C330

Description	Recombinant Human Cysteine-Rich Secretory Protein 3 is produced by our Mammalian expression system and the target gene encoding Asn21-Tyr245 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Cysteine-Rich Secretory Protein 3; CRISP-3; Specific Granule Protein of 28 kDa; SGP28; CRISP3
Accession No.	P54108
Predicted Molecular Weight	26.54kDa
AP Molecular Weight	25-32kDa, reducing conditions.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Background

Cysteine-rich secretory protein 3 (CRISP-3) is a secreted protein,containing 1 SCP domain and 1 ShKT domain.It is belongs to the CRISP family. CRISP-3 is a glycoprotein that belongs to the family of cysteine-rich secretory proteins (CRISPs) which was originally discovered in human neutrophilic granulocytes. CRISP-3 is also widely distibuted in exocrine glands (salivary glands, pancreas and prostate), eosinophilic granulocytes and to a lower level in epididymis, ovary, thymus and colon. The presence of CRISP-3 in neutrophils, eosinophils and in exocrine secretions indicates a role in innate host defense. The antibody has been raised against recombinant C-terminally truncated form of CRISP-3 and recognizes both the N-glycosylated and non-glycosylated form of the mature protein.

SDS-Page



MK: Marker

R: Sample in reducing conditons