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Datasheet for ABIN1096446
CRISP3 Protein (AA 21-245) (His tag)

Overview

Quantity:	50 µg
Target:	CRISP3
Protein Characteristics:	AA 21-245
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRISP3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cysteine-Rich Secretory Protein 3/CRISP-3/SGP28 (C-6His)
Sequence:	NEDKDAFTA LLTTQTQVQR EIVNKHNELR RAVSPPARNM LKMEWNKEAA ANAQKWANQC NYRHSNPKDR MTSCLKGENL YMSSASSSWS QAIQSWFDEY NDFDFGVGPK TPNAVVGHYT QVWVYSSYL V GCGNAYCPNQ KVLKYYYVCQ YCPAGNWANR LYVPYEQGAP CASCPDNCDD GLCTNGCKYE DLYSNCKSLK LTLTCKHQLV RDSCKASCNC SNSIYVDHHH HHH
Characteristics:	Recombinant Human Cysteine-Rich Secretory Protein 3/CRISP-3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (N21-Y245) of Human CRISP-3 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CRISP3
Alternative Name:	crisp-3 (CRISP3 Products)
Sub Type:	Fusionprotein
Background:	<p>Cysteine-rich secretory protein 3 (CRISP-3) is a secreted protein, containing 1 SCP domain and 1 ShKT domain. It 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 distributed 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.</p> <p>Alternative Names: Cysteine-Rich Secretory Protein 3, CRISP-3, Specific Granule Protein of 28 kDa, SGP28, CRISP3</p>
Molecular Weight:	26.54 kDa
UniProt:	P54108

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

Handling

Expiry Date: 3 months