

Recombinant Human CRISP3 Protein, GST-tagged

Cat. No. CRISP3-1883H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRISP3 full-length ORF (BAG36185.1, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the cysteine-rich secretory protein (CRISP) family within the CRISP, antigen 5 and pathogenesis-related 1 proteins superfamily. The encoded protein has an N-terminal CRISP, antigen 5 and pathogenesis-related 1 proteins domain, a hinge region, and a C-terminal ion channel regulator domain. This protein contains cysteine residues, located in both the N- and C-terminal domains, that form eight disulfide bonds, a distinguishing characteristic of this family. This gene is expressed in the male reproductive tract where it plays a role in sperm function and fertilization, and the female reproductive tract where it plays a role in endometrial receptivity for embryo implantation. This gene is upregulated in certain types of prostate cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]
Molecular Mass	53.35 kDa
AA Sequence	MTLFPVLLFLVAGLLPSFPANEDKDPAFTALLTTQTQVQREIVNKHNELRRAVSPPAR NMLKMEWNKEAANAQKWANQCNYRHSNPKDRMTSLKCGENLYMSSASSWSQ AIQSWFDEYNDFDGFGVGPKTPNAVVGHYTQVWVYSSYLVGCGNAYCPNQKVLKYY

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YVCQYCPAGNWANRLYPYEQGAPCASCPCDNCDDGLCTNGCKYEDLYSNCKSLKL
TLTCKHQLVRDSCKASCNCSNSIY

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CRISP3 cysteine-rich secretory protein 3 [Homo sapiens]

Official Symbol

CRISP3

Synonyms

CRISP3; cysteine-rich secretory protein 3; Aeg2; CRISP 3; CRS3; dJ442L6.3;
SGP28; cysteine-rich secretory protein-3; specific granule protein (28 kDa); specific
granule protein of 28 kDa; CRISP-3; MGC126588;

Gene ID

10321

mRNA Refseq

NM_001190986

Protein Refseq

NP_001177915

UniProt ID

P54108

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