Recombinant Full Length Human CRISP3 Protein, GST-tagged

Cat. No. CRISP3-2064HF **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	In Vitro Cell Free System
ProteinLength	245 amino acids
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 NMLKMEWNKEAAANAQKWANQCNYRHSNPKDRMTSLKCGENLYMSSASSSWSQ

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	AIQSWFDEYNDFDFGVGPKTPNAVVGHYTQVVWYSSYLVGCGNAYCPNQKVLKYY YVCQYCPAGNWANRLYVPYEQGAPCASCPDNCDDGLCTNGCKYEDLYSNCKSLKL 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	Aeg2; CRS3; SGP28; CRISP-3; dJ442L6.3
Gene ID	10321
mRNA Refseq	NM_001190986
Protein Refseq	NP_001177915
MIM	618062

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UniProt ID	P54108

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