

Recombinant Human CRISP1 cell lysate

Cat. No. CRISP1-400HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-rich secretory protein (CRISP) family. This protein is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head where it plays a role at fertilization in sperm-egg fusion through complementary sites localized on the egg surface. Two isoforms are encoded by transcript variants of this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

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Gene Name	CRISP1 cysteine-rich secretory protein 1 [Homo sapiens]
Official Symbol	CRISP1
Synonyms	CRISP1; cysteine-rich secretory protein 1; acidic epididymal glycoprotein like 1 , AEGL1; ARP; CRISP 1; HSCRISP1D; HSCRISP1G; HUMARP; AEG-like protein; AEG-related protein; acidic epididymal glycoprotein-like 1; acidic epididymal glycoprotein homolog; cysteine-rich secretory protein-1 delta; AEGL1; CRISP-1;
Gene ID	167
mRNA Refseq	NM_001131
Protein Refseq	NP_001122
MIM	601193
UniProt ID	P54107
Chromosome Location	6p21.2-p21.1

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