

Recombinant Human CORIN Protein, GST-tagged

Cat. No. CORIN-1722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CORIN partial ORF (NP_006578, 616 a.a. - 715 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the type II transmembrane serine protease class of the trypsin superfamily. Members of this family are composed of multiple structurally distinct domains. The encoded protein converts pro-atrial natriuretic peptide to biologically active atrial natriuretic peptide, a cardiac hormone that regulates blood volume and pressure. This protein may also function as a pro-brain-type natriuretic peptide convertase. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]
Molecular Mass	36.74 kDa
AA Sequence	CKERDLWECPSNKQCLKHTVICDGFDCPDYMDEKNCSFCQDDELECANHACVSR DLWCDGEADCSDSSDEWDCVTLVINSSSFLMVHRAATEHHVCA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

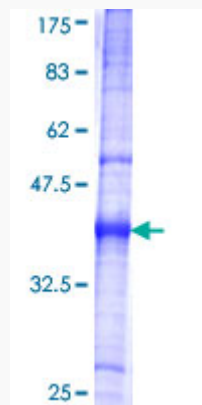
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	CORIN corin, serine peptidase [Homo sapiens]
Official Symbol	CORIN
Synonyms	CORIN; corin, serine peptidase; corin, serine protease; atrial natriuretic peptide-converting enzyme; ATC2; CRN; Lrp4; PRSC; TMPRSS10; pro-ANP-convertase; pro-ANP-converting enzyme; heart specific serine proteinase; transmembrane protease serine 10; heart-specific serine proteinase ATC2; atrial natriuretic peptide-converting enzyme; MGC119742;
Gene ID	10699
mRNA Refseq	NM_006587
Protein Refseq	NP_006578
MIM	605236
UniProt ID	Q9Y5Q5

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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