Recombinant Human CXXC1 Protein, GST-tagged

Cat. No. CXXC1-2204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CXXC1 full-length ORF (BAG37400.1, 1 a.a. - 656 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that functions as a transcriptional activator that binds specifically to non-methylated CpG motifs through its CXXC domain. The protein is a component of the SETD1 complex, regulates gene expression and is essential for vertebrate development. [provided by RefSeq, Sep 2015]
Molecular Mass	98.56 kDa
AA Sequence	MEGDGSDPEPPDAGEDSKSENGENAPIYCICRKPDINCFMIGCDNCNEWFHGDCIRI TEKMAKAIREWYCRECREKDPKLEIRYRHKKSRERDGNERDSSEPRDEGGGRKRP VPDPDLQRRAGSGTGVGAMLARGSASPHKSSPQPLVATPSQHHQQQQQQIKRSA RMCGECEARRRTEDCGHCDFCRDMKKFGGPNKIRQKCRLRQCQLRARESYKYFP SSLSPVTPSESLPRSRRPLPTQQQPQPSQKLGRIREDEGAVASSTVKEPPEATATPE PLSDEDLPLDPDLYQDFCAGAFDDHGLPWMSDTEESPFLDPALRKRAVKVKHVKRR EKKSEKKKEERYKRHRQKQKHKDKWKHPERADAKDPASLPQCLGPGCVRPAQPS SKYCSDDCGMKLAANRIYEILPQRIQQWQQSPCIAEEHGKKLLERIRREQQSARTRL QEMERRFHELEAIILRAKQQAVREDEESNEGDSDDTDLQIFCVSCGHPINPRVALRH MERCYAKYESQTSFGSMYPTRIEGATRLFCDVYNPQSKTYCKRLQVLCPEHSRDPK

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	VPADEVCGCPLVRDVFELTGDFCRLPKRQCNRHYCWEKLRRAEVDLERVRVWYKL DELFEQERNVRTAMTNRAGLLALMLHQTIQHDPLTTDLRSSADR
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	CXXC1 CXXC finger protein 1 [Homo sapiens]
Official Symbol	CXXC1
Synonyms	CXXC1; CXXC finger protein 1; CXXC finger 1 (PHD domain); cpG-binding protein; CFP1; CGBP; CpG binding protein; DNA binding protein with PHD finger and CXXC domain; hCGBP; HsT2645; PCCX1; PHF18; SPP1; ZCGPC1; zinc finger; CpG binding type containing 1; CXXC-type zinc finger protein 1; zinc finger, CpG binding-type containing 1; PHD finger and CXXC domain-containing protein 1; DNA-binding protein with PHD finger and CXXC domain; 2410002I16Rik; 5830420C16Rik;
Gene ID	30827
mRNA Refseq	NM_001101654

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Protein Refseq	NP_001095124
MIM	609150
UniProt ID	Q9P0U4

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