

## Recombinant Human CXXC1 293 Cell Lysate

**Cat. No.** CXXC1-7151HCL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for CXXC finger 1 (PHD domain) (CXXC1), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## 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; 2410002116Rik; 5830420C16Rik;

**Gene ID** [30827](#)

**mRNA Refseq** [NM\\_001101654](#)

**Protein Refseq** [NP\\_001095124](#)

**MIM** [609150](#)

**UniProt ID** [Q9POU4](#)

**Chromosome Location** 18q12

**Pathway** Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Unfolded Protein

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Response, organism-specific biosystem;

**Function**

DNA binding; contributes\_to histone methyltransferase activity (H3-K4 specific); metal ion binding; protein binding; unmethylated CpG binding; zinc ion binding;

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