

Recombinant Human CER1, GST-tagged

Cat. No. CER1-11121H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CER1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-267a.a.
Description	This gene encodes a cytokine member of the cysteine knot superfamily, characterized by nine conserved cysteines and a cysteine knot region. The cerberus-related cytokines, together with Dan and DRM/Gremlin, represent a group of bone morphogenetic protein (BMP) antagonists that can bind directly to BMPs and inhibit their activity.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name CER1 cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis) [Homo sapiens]

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Official Symbol	CER1
Synonyms	CER1; cerberus 1, cysteine knot superfamily, homolog (<i>Xenopus laevis</i>); cerberus 1 (<i>Xenopus laevis</i>) homolog (cysteine knot superfamily); cerberus; DAND4; cerberus-related 1; cerberus-related protein; DAN domain family member 4; MGC96951; MGC119894; MGC119895;
Gene ID	9350
mRNA Refseq	NM_005454
Protein Refseq	NP_005445
MIM	603777
UniProt ID	O95813
Chromosome Location	9p23-p22
Pathway	BMP receptor signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem;
Function	cytokine activity; molecular_function; protein homodimerization activity;

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