

Recombinant Human CHR D, GST-tagged

Cat. No. CHR D-11201H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHR D protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	This gene encodes a secreted protein that dorsalizes early vertebrate embryonic tissues by binding to ventralizing TGF-beta-like bone morphogenetic proteins and sequestering them in latent complexes. The encoded protein may also have roles in organogenesis and during adulthood. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their full length sequence has not been determined.
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 CHR D chordin [Homo sapiens]

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Official Symbol	CHRD
Synonyms	CHRD; chordin; MGC133038;
Gene ID	8646
mRNA Refseq	NM_003741
Protein Refseq	NP_003732
MIM	603475
UniProt ID	Q9H2X0
Chromosome Location	3q27
Pathway	BMP receptor signaling, organism-specific biosystem; TGF-beta signaling pathway, organism-specific biosystem; TGF-beta signaling pathway, conserved biosystem;
Function	cytokine binding; heparin binding; protein binding; syndecan binding;

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