Recombinant Human EMID1, His-tagged

Cat. No. EMID1-80H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EMI Domain-Containing Protein 1/EMID1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Trp23-Gly443) of Human EMID1 fused with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	23-443 a.a.
Description	EMI Domain-Containing Protein 1 (EMID1) is a secreted protein. EMID1 contains one collagen-like domain and one EMI domain. Human EMID1 is synthesized as a 443 amino acid precursor that contains an 22 amino acid signal sequence and a 419 amino acid mature chain. EMID1 may be homo- or heteromers. Despite that EMU gene family suggest multiple functions during in embryogenesis, the exact function of EMID1 remains unknown.
AA Sequence	WSIGAAPFSGRRNWCSYVVTRTISCHVQNGTYLQRVLQNCPWPMSCPGSSYRTVV RPTYKVMYKI VTAREWRCCPGHSGVSCEEVAGSSASLEPMWSGSTMRRMALRPT AFSGCLNCSKVSELTERLKVL EAKMTMLTVIEQPVPPTPATPEDPAPLWGPPPAQG SPGDGGLQDQVGAWGLPGPTGPKGDAGSRG PMGMRGPPGPQGPPGSPGRAGA VGTPGERGPPGPPGPPGPPGPPGPPAPVGPPHARISQHGDPLLSNT FTETNNHWPQG PTGPPGPPGPMGPPGPPGPTGVPGSPGHIGPPGPTGPKGISGHPGEKGERGLRG EPGPQGSAGQRGEPGPKGDPGEKSHWGEGLHQLREALKILAERVLILETMIGLYEP

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	ELGSGAGPA GTGTPSLLRGKRGGHATNYRIVAPRSRDERGVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by reducing SDS-PAGE.

GENE INFORMATION

Gene Name	EMID1 EMI domain containing 1 [Homo sapiens]
Official Symbol	EMID1
Synonyms	EMID1; EMI domain containing 1; EMI domain-containing protein 1; EMI5; emilin and multimerin domain containing protein 1; EMU1; hEmu1; putative emu1; emilin and multimerin domain-containing protein 1; emilin and multimerin-domain containing protein 1; MGC50657;
Gene ID	129080
mRNA Refseq	NM_133455
Protein Refseq	NP_597712
MIM	608926
UniProt ID	Q96A84
Chromosome Location	22q12.2

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