Active Recombinant Human DAND5

Cat. No. DAND5-837H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DAND5 (Accession # NP_689867) Arg23-Ala189, fused with an N-terminal Met, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg23-Ala189
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit BMP-4-induced activity in MC3T3-E1 mouse preosteoblast cells.The ED50 for this effect is typically 0.15 - 0.75 μg/mL in the presence of 50 ng/mL of rhBMP-4.
Molecular Mass	Recombinant Human DAND5, Met-tagged has a calculated MW of 18.2 kDa (monomer).
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	DAND5 DAN domain family member 5, BMP antagonist [Homo sapiens (human)]
Official Symbol	DAND5
Synonyms	SP1; CER2; COCO; CRL2; CERL2; DANTE; GREM3; CKTSF1B3; DAN domain family member 5; DAN domain family member 5; DAN domain family, member 5; cerberus 2; cerberus-like 2; cerberus-like protein 2; cerl-2; cysteine knot superfamily 1, BMP antagonist 3; gremlin-3
Gene ID	199699
mRNA Refseq	NM_152654.2
Protein Refseq	NP_689867.1
MIM	609068
UniProt ID	Q8N907
Chromosome Location	19p13.

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