

DAND5 抗原（重组蛋白）

中文名称：DAND5 抗原（重组蛋白）

英文名称：DAND5 Antigen (Recombinant Protein)

别名：SP1; CER2; COCO; CRL2; CERL2; DANTE; GREM3; CKTSF1B3

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	DAN domain family member 5, BMP antagonist
Synonyms:	SP1; CER2; COCO; CRL2; CERL2; DANTE; GREM3; CKTSF1B3
Swissprot:	Q8N907
Gene Accession:	BC113476
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of B

MP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to bind Nodal and to inhibit the Nodal signaling pathway which patterns left/right body asymmetry.