

Product datasheet for **TP720692M**

CER1 (NM_005454) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cerberus 1, DAN family BMP antagonist (CER1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Thr18-Ala267
Tag:	C-His
Predicted MW:	29.19 kDa
Concentration:	N/A
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 20mM NaAc-HAC. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_005445
Locus ID:	9350
UniProt ID:	O95813
RefSeq Size:	1206
Cytogenetics:	9p22.3
RefSeq ORF:	801
Synonyms:	DAND4



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Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Secreted Protein
Protein Pathways:	Wnt signaling pathway