

Active Recombinant Chicken CER1 Protein, Fc Chimera

Cat. No. CER1-878C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken CER1 (Accession # NP_990154), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Chicken
Source	Mammalian Cells
Predicted N Terminal	Asp16 & Glu18
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to cause heart reversals when injected into the right lateral plate of a population of Xenopus neurulae embryos. 80 ng per embryo typically induces 25 - 50% heart reversals. Measured by its binding ability in a functional ELISA. Immobilized rchCaronte/Fc Chimera at 5 µg/mL (100 µL/well) can bind hBMP-4 with a linear range of 0.8 - 100 ng/mL.
Molecular Mass	Recombinant Chicken CER1, Fc Chimera has a calculated MW of 56 kDa (monomer). In SDS-PAGE migrates as 60-70 kDa, reducing conditions.
Purity	>90%, 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	CER1 cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis) [Gallus gallus (chicken)]
Official Symbol	CER1
Synonyms	CAR; cerberus; cerberus; caronte; cerberus 1 homolog, cysteine knot superfamily
Gene ID	395623
mRNA Refseq	NM_204823.1
Protein Refseq	NP_990154.1
MIM	
Chromosome Location	chromosome: Z

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