

Recombinant Human CER1 Protein

Catalog #	Source	Reactivity	Applications
CRP1287	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CER1 Protein is produced by our Mammalian expression system and the target gene encoding Thr18-Ala267 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM Hac-NaAC, 150mM NaCl, pH 4.0		
Gene Symbol	CER1		
Alternative Names	DAND4; Cerberus; Cerberus-related protein; DAN domain family member 4		
Entrez Gene	9350 (Human)		
SwissProt	O95813 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	TRHQDGRQNQ SSLSPVLLPR NQRELPTGNH EEAEKPDFL VAVPHLVGTS PAGEGQRQRE KMLSRFGRFW KKPEREMHPS RDSSEPFPP GTQSLIQPID GMKMEKSPLR EEAKKFWHHF MFRKTPASQG VILPIKSHEV HWETCRTVPF SQTITHEGCE KLVVQNNLCF GKCGSVHFPG AAQHSHTSCS HCLPAKFTTM HLPLNCTELS SVIKVVMLVE ECQCKVKTEH EDGHILHAGS QDSFIPGVSA VDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	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 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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