

Recombinant Human CREB1 protein, His-tagged

Cat. No. CREB1-2732H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CREB1 protein(P16220)(1-341aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-341aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	40.7 kDa
AA Sequence	MTMESGAENQQSGDAAVTEAENQQMTVQAQPQIATLAQVSMPPAAHATSSAPTCTL VQLPNGQTVQVHGVIQAAQPSVIQSPQVQTVQSSCKDLKRLFSGTQISTIAESEDSSQ ESVDSVTDSQKRREILSRRPSYRKILNDLSSDAPGVPRIEEEEKSEEETSAPAITTVTVTP TPIYQTSSGQYIAITQGGAIQLANNGTDGVQGLQTLTMTNAAATQPGTTILQYAQTDD GQQILVPSNQVVVQAASGDVQTYQIRTAPTSTIAPGVVMASSPALPTQPAEEAARKR EVRLMKNREAARECRRKKKEYVKLENRVAVLENQNKTLEELKALKDLYCHKSD
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name CREB1 cAMP responsive element binding protein 1 [Homo sapiens]

Official Symbol CREB1

Synonyms CREB1; cAMP responsive element binding protein 1; cyclic AMP-responsive element-binding protein 1; CREB-1; transactivator protein; active transcription factor CREB; cAMP-response element-binding protein-1; cAMP-responsive element-binding protein 1; CREB; MGC9284;

Gene ID 1385

mRNA Refseq NM_004379

Protein Refseq NP_004370

MIM 123810

UniProt ID P16220

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