Recombinant Human CRH protein, T7-tagged

Cat. No. CRH-217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CRH fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQENGRGEFLLSRGPVPGARQAPQHPQPLDFFQPPPQSEQPQQPQARP VLLRMGEEYFLRLGNLNKSPA APLSPASSLLAGGSGSRPSPEQATANFFRVLLQQL LLPRRSLDSPAALAERGARNALGGHQEAPERERRSEEPPI SLDLTFHLLREVLEMA RAEQLAQQAHSNRKLMEIIGK
Purity	>90% by SDS-PAGE.
Applications	1. Active protein, may be used for in vitro corticotropin regulation study.2. Potential biomarker protein for PPD diagnosis applications.3. As immunogen for specific antibody production.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name	CRH corticotropin releasing hormone [Homo sapiens]

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Official Symbol	CRH
Synonyms	CRH; corticotropin releasing hormone; corticoliberin; corticotropin releasing factor; CRF; corticotropin-releasing factor;
Gene ID	1392
mRNA Refseq	NM_000756
Protein Refseq	NP_000747
MIM	122560
UniProt ID	P06850
Chromosome Location	8q13
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Long-term depression, organism-specific biosystem; Long-term depression, conserved biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	corticotropin-releasing hormone activity; corticotropin-releasing hormone receptor 1 binding; corticotropin-releasing hormone receptor 2 binding; hormone activity; neuropeptide hormone activity; protein binding; receptor binding;

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