

## Recombinant Human CRH protein, T7-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CRH fused with T7 Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	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.
<b>AA Sequence</b>	MASMTGGQENGRGEFLLSRGPVPGARQAPQHPQPLDFFQPPPQSEQPQQPQARP VLLRMGEEYFLRLGNLNKSPA APLSPASSLLAGGSGSRPSPEQATANFFRVLLQQL LLPRRSLDSPAALAERGARNALGGHQEAPERERRSEEPI SLDLTFHLLREVLEMA RAEQLAQQAHSNRKLMEIIGK
<b>Purity</b>	>90% by SDS-PAGE.
<b>Applications</b>	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.
<b>Storage</b>	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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<b>Official Symbol</b>	CRH
<b>Synonyms</b>	CRH; corticotropin releasing hormone; corticoliberin; corticotropin releasing factor; CRF; corticotropin-releasing factor;
<b>Gene ID</b>	1392
<b>mRNA Refseq</b>	NM_000756
<b>Protein Refseq</b>	NP_000747
<b>MIM</b>	122560
<b>UniProt ID</b>	P06850
<b>Chromosome Location</b>	8q13
<b>Pathway</b>	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;
<b>Function</b>	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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