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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CRH (Human) Recombinant Protein (P01)

Catalog Number: H00001392-P01

Regulation Status: For research use only (RUO)

Product Description: Human CRH full-length ORF (NP_000747.1, 1 a.a. - 196 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRLPLLVSAGVLLVALLPCPPCRALLSRGPVPGARQA
PQHPQLDFFQPPPQSEQPQQPQARPVLLRMGEEYF
LRLGNLNKSPAAPLSPASSLLAGGSGSRPSPEQATAN
FFRVLLQQLLLPRRSLDSPAALAERGARNALGGHQA
PERERRSEEPPISLDLTFHLLREVLEMARAEQLAQQAH
SNRKLMEIIGK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.8

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1392

Gene Symbol: CRH

Gene Alias: CRF

Gene Summary: Corticotropin-releasing hormone (CRH) is a 41-amino acid peptide derived from a

191-amino acid preprohormone. CRH is secreted by the paraventricular nucleus (PVN) of the hypothalamus in response to stress. Marked reduction in CRH has been observed in association with Alzheimer disease and autosomal recessive hypothalamic corticotropin deficiency has multiple and potentially fatal metabolic consequences including hypoglycemia and hepatitis. In addition to production in the hypothalamus, CRH is also synthesized in peripheral tissues, such as T lymphocytes and is highly expressed in the placenta. In the placenta CRH is a marker that determines the length of gestation and the timing of parturition and delivery. A rapid increase in circulating levels of CRH occurs at the onset of parturition, suggesting that, in addition to its metabolic functions, CRH may act as a trigger for parturition. [provided by RefSeq]