

## CNRIP1 Human

**Description:** CNRIP1 Human Recombinant produced in E. coli is a single polypeptide chain containing 187 amino acids (1-164) and having a molecular mass of 21.0 kDa. CNRIP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1221

**Synonyms:** Cannabinoid Receptor Interacting Protein 1, Cannabinoid Receptor CB1-Interacting Protein 1, Chromosome 2 Open Reading Frame 32, C2orf32, CRIP1, CRIP1a, CRIP1b, DKFZP566K1924.

For research use only.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMGDLPLGL VRLSIALRIQ  
PNDGPVFYKVG DGQRFQNRIT IKLLTGSSYK VEVKIKPSTL QVENISIGGV LVPLELKSKE  
PDGDRVVYTG TYDTEGVTPT KSGERQPIQI TMPFTDIGTF ETVWQVKFYV YHKRDHCQWG  
SPFSVIEYEC KPNETRSLMW VNKESFL

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

The CNRIP1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

CB1 cannabinoid receptor-interacting protein 1 (CNRIP1) is a 164 amino acid protein and G-protein coupled receptor which is a member of the CNRIP family. The CNRIP1 interacts with the C-terminal tail of cannabinoid receptor 1. CNRIP1 is expressed in the brain tissue and, at low levels, in the testis. CNRIP1 is involved in appetite, synaptic plasticity, neuroprotection and analgesia.

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