Recombinant Human Cannabinoid Receptor Interacting Protein 1, His-tagged

Cat. No. CNRIP1-7146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CNRIP1 protein , fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 21 kDa.
Species	Human
Source	E.coli
ProteinLength	1-164aa
Description	CB1 cannabinoid receptor-interacting protein 1, also known as CNRIP1, is a 164 amino acid protein and G-protein coupled receptor that belongs to the CNRIP family. Involved in appetite, synaptic plasticity, neuroprotection and analgesia, CNRIP1 exists as two alternatively spliced isoforms which have been designated CNRIP1 isoforms 1 and 2, or CRIP1a and CRIP1b, respectively. It is expressed in brain tissue and, in low levels, in testis.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol,1mM DTT
Molecular Mass	21 kDa (187aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGDLPGL VRLSIALRIQ PNDGPVFYKV DGQRFGQNRT IKLLTGSSYK VEVKIKPSTL QVENISIGGV LVPLELKSKE

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	PDGDRVVYTG TYDTEGVTPT KSGERQPIQI TMPFTDIGTF ETVWQVKFYN YHKRDHCQWG SPFSVIEYEC KPNETRSLMW VNKESFL
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	CNRIP1 cannabinoid receptor interacting protein 1 [Homo sapiens]
Official Symbol	CNRIP1
Synonyms	CNRIP1; cannabinoid receptor interacting protein 1; C2orf32, chromosome 2 open reading frame 32; CB1 cannabinoid receptor-interacting protein 1; CRIP1; CRIP1a; CRIP1b; DKFZP566K1924; CRIP-1; cannabinoid receptor CB1-interacting protein 1; C2orf32; DKFZp566K1924;
Gene ID	25927
mRNA Refseq	NM_015463
Protein Refseq	NP_056278
UniProt ID	Q96F85

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Chromosome Location	2p13

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