
Product Data Sheet

Product Name: CNRIP1 Human
 Cat. No.: GP23192
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cannabinoid Receptor Interacting Protein 1; Cannabinoid Receptor CB1-Interacting Protein 1; Chromosome 2 Open Reading Frame 32; C2orf32; CRIP1; CRIP1a; CRIP1b; DKFZP566K1924.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGDLPLGL VRLSIALRIQ PNDGPVIFYKV DGQRFQQRNT IKLLTGSSYK VEVKIKPSTL QVENISIGGV LVPLELKSKE PDGDRVVYTG TYDTEGVPTPT KSGERQPIQI TMPFTDIGTF ETVWQVKFYN YHKRDHCQWG SPFSVIEYEC KPNETRSLMW VNKESFL		
Formulation	The CNRIP1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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