

Recombinant human CNRIP1 protein

Catalog Number: ATGP1713

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-164aa

UniProt No.

Q96F85

NCBI Accession No.

NP_056278

Alternative Names

CB1 cannabinoid receptor-interacting protein 1, C2orf32, CRIP1

PRODUCT SPECIFICATION

Molecular Weight

21 kDa (187aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human CNRIP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human CNRIP1 protein

Catalog Number: ATGP1713

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMGDLPLG VRLSIALRIQ PNDGPVFYKV DGQRFQNRRT IKLLTGSSYK VEVKIKPSTL
QVENISIGGV LVPLELKSKE PDGDRVYTG TYDTEGVTPT KSGERQPIQI TMPFTDIGTF ETVWQVKFYN YHKRDHCQWG
SPFSVIEYEC KPNETRSLMW VNKESFL

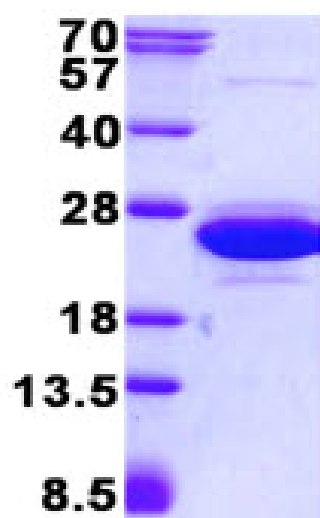
General References

Valverde O., et al. (2000) Eur J Neurosci. 12:533-539

Gerard C M., et al. (1991) Biochem J. 279: 129-134.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)