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Datasheet for ABIN4371187
CNTN2 Protein (AA 31-1012) (His tag)

Overview

Quantity:	50 µg
Target:	CNTN2
Protein Characteristics:	AA 31-1012
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNTN2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Contactin-2/CNTN2/TAG-1 (C-6His)
Sequence:	SQTTFGPVFE DQPLSVLFPE ESTEEQVLLA CRARASPPAT YRWKMNGTEM KLEPGSRHQL VGGNLVIMNP TKAQDAGVYQ CLASNPVGTV VSREAILRFG FLQEFSKEER DPVKAHEGWG VMLPCNPPAH YPGLSYRWLL NEFPNFIPTD GRHFVSQTTG NLYIARTNAS DLGNYSCLAT SHMDFSTKSV FSKFAQNLNA AEDTRLFAPS IKARFPAETY ALVGQQVTLE CFAFGNPVPR IKWRKVDGSL SPQWTTAEPT LQIPSVSFED EGTYECEAEN SKGRDTVQGR IIVQAQPEWL KVISDTEADI GSNLRWGCAA AGKPRPTVRW LRNGEPLASQ NRVEVLGDL RFSKLSLEDS GMYQCVAENK HGTIYASAEL AVQALAPDFR LNPVRRLLIPA ARGGEILIPC QPRAAPKAVV LWSKGTEILV NSSRVTVTPD GTLIIRNISR SDEGKYTCFA ENFMGKANST GILSVRDATAK ITLAPSSADI NLGDNLTLCQ HASHDPTMDL TFTWTLDDFP IDFDKPGGHY RRTNVKETIG DLTILNAQLR HGGKYTCMAQ TVVDSASKEA TVLVRGPPGP PGGVVVRDIG DTTIQLSWSR GFDNHSPIAK YTLQARTPPA GKWKQVRTNP ANIEGNAETA QVLGLTPWMD YEFRVIASNI LGTGEPSPGPS SKIRTREAAP SVAPSGLSGG GGAPGELIVN WTPMSREYQN GDGFGYLLSF

Product Details

RRQGSTHWQT ARVPGADAQY FVYSNESVRP YTPFEVKIRS YNRRGDGPES LTALVYSAEE
EPRVAPTKVW AKGVSSSEM NVTWEPVQQDM NGILLGYEIR YWKAGDKEAA ADRVRTAGLD
TSARVSLHP NTKYHVTVRA YNRAGTGPAS PSANATMKP PPRRPPGNIS WTFSSSSLSI
KWDPVVPFRN ESAVTGYKML YQNDLHLTPT LHLTGKNWIE IPVPEIDIGHA LVQIRTTGPG
GDGIPAEVHI VRNGGTSM MV ENVDHHHHHH

Characteristics: Recombinant Human Contactin-2/CNTN2/TAG-1 (C-6His)

Purity: > 95 % as determined by reducing SDS-PAGE.

Sterility: 0.2 µm filtered

Endotoxin Level: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target: CNTN2

Alternative Name: Contactin-2 ([CNTN2 Products](#))

Molecular Weight: 108.7 kDa

UniProt: [Q02246](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Regulation of Cell Size](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.