

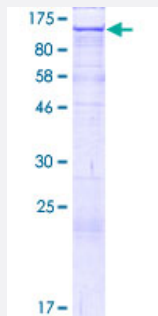
Full-Length

CLSTN2 (Human) Recombinant Protein (P01)

Catalog # H00064084-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLSTN2 full-length ORF (AA104486.1, 1 a.a. - 955 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPGRLCWVPLLLALGVGSGSGGGGDSRQRLLAAKVNKHKPWIETSYHGVITENNDTVILDPPL
VALDKDAPVPFAGEICAFKIHGQELPFEAVVLNKTSGEGRRAKSPIDCELQKEYTFIIQAYDCGAG
PHETAWKKSHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYSQICNY
EMTTDVPFAIDRNGNIRNTEKLSYDKQHQYEILVTAYDCGQKPAAQDTLVQVDVKPVCKPGWQD
WTKRIEYQPGSGSMPLFPSIHLETCDGAVSSLQVTELQNTYIGKGCDRETYSEKSLQKLCGASSGI
IDLLPSPSAATNWTAGLLVDSSEMIFKFDGRQGAKVPDGMVKNLTDQFTITMWMKHGSPSPGVRA
EKETILCNSDKTEMNRHHYALVHNCRLVFLLRKDFDQADTFRPAEFHWKLDQICDKEWHYVYIN
VEFPVVTLYMDGATYEPYLVTNWPIHPSHIAMQLTVGACWQGGEVTKPQFAQFFHGSLASLTIR
PGKMESQKVISCLQACKEGLDINSLESLGQGIKYHFNPSSILVMEGDDIGNINRALQKVSYNSRQ
FPTAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQAIEPRITLRGTDHFWRPAAQFESARGVTL
FPDIKVMSTFAKTEAPGDVKTTDPKSEVLEEMLHNLD FCDILVIGGDLDPQCECLELNHSELHQRHL
DATNSTAGYSIYGVSMSRYEQVLHHIRYNWRPASLEARRFRIKCSSELNGRYTSNEFNLEVSILHE
DQVSDKEHVNHLVQPPFLQSVHHPESSSIQHSSVVPSTVTVIIISVCMLVFVAMGVYRVRAH
QHFIQETEAAKESEMDWDD SALTITVNPMEKHEGPGHGEDETEGEEEEEAEEEMSSSSGSDDS
EEEEEEEGMGRGRHGQNGARQAQLEWDDSTLPY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

133.4

Interspecies Antigen Sequence

Mouse (94); Rat (93)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLSTN2

Entrez GeneID[64084](#)**GeneBank Accession#**[BC104485.1](#)**Protein Accession#**[AAI04486.1](#)**Gene Name**

CLSTN2

Gene Alias

ALC-GAMMA, CS2, CSTN2, FLJ39113, FLJ39499, MGC119560, alcagamma

Gene Description

calsyntenin 2

Omim ID[611323](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

alcadein gamma

Disease

- [Association Learning](#)
- [Cognition](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Executive Function](#)
- [Genetic Predisposition to Disease](#)
- [Memory](#)
- [Memory Disorders](#)
- [Neuropsychological Tests](#)
- [Prenatal Exposure Delayed Effects](#)
- [Psychiatric Status Rating Scales](#)
- [Rectal Fistula](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)