

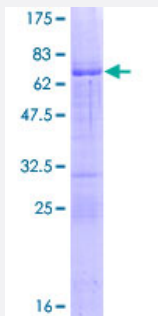
Full-Length

CART1 (Human) Recombinant Protein (P01)

Catalog # H00008092-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CART1 full-length ORF (AAH10923.1, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEFLSEKFALKSPPSKNSDFYMGAGGPLEHVMETLDNESFYKASAGKCVQAFGPLPRAEHHV
RLERTSPCQDSSVNYGITKVEGQPLHTELNRAMDNCNSLRMSPVKGMQEKGEDELGDKCDN
VSSSKRRRHRTTFTSLQLEELEKVFQKTHYPDVVREQLALRTELTEARVQVWFQNRRAKWRKR
ERYGQIQQAKSHFAATYDISVLPRTDSYPQIQNNLWAGNASGGSVVTSCMLPRDTSSCMTPYSHS
PRTDSSYTGFSNHQNQFSHVPLNNFFTDSSLTGATNGHAFETKPEFERRSSSIIVLRMKAKEHTA
NISWAM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.4

Interspecies Antigen Sequence

Mouse (97); Rat (96)

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 — ALX1

Entrez GeneID[8092](#)**GeneBank Accession#**[BC010923.1](#)**Protein Accession#**[AAH10923.1](#)**Gene Name**

ALX1

Gene Alias

CART1

Gene Description

ALX homeobox 1

Omim ID[601527](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The specific function of this gene has yet to be determined in humans; however, in rodents, it is necessary for survival of the forebrain mesenchyme and may also be involved in development of the cervix. Mutations in the mouse gene lead to neural tube defects such as acrania and meroanence phaly. [provided by RefSeq]

Other Designations

Cartilage homeoprotein 1|cartilage paired-class homeoprotein 1

Disease

- [Spinal Dysraphism](#)