

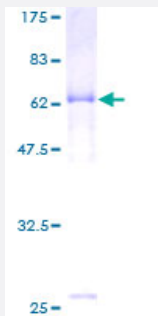
Full-Length

HAPLN1 (Human) Recombinant Protein (P01)

Catalog # H00001404-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HAPLN1 full-length ORF (AAH57808, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKSLLLLVLSICWADHLS DNYTL DHDRAI HQAENGPHLLVEAEQAKVFSHRGGNVTLPCKFYRD
PTAFGSGIHKIRIKWTKLTSDYLKEVDVFVSMGYHKKTYGGYQGRVFLKGGSDSDASLVITDLTLED
YGRYKCEVIEGLEDDTVVVALDLQGVVFPYFPRLGYNLNFHEAQQACLDQDAVIASFDQLYDAW
RGGLDWCNAGWLS DGSVQYPITKPREPCGGQNTVPGVRNYGFWDKDKSRYDVFCFTSNFNGR
FYLIHPTKLT YDVA VQACLNDGAQIAKVGGQIFAAWKILGYDRCDAGWLADGSVRYPISRPRRCS
PTEAAVRVFGFPDKKHKLYGVYCFRAYN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.68

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 — HAPLN1

Entrez GeneID [1404](#)

GeneBank Accession# [BC057808](#)

Protein Accession# [AAH57808](#)

Gene Name HAPLN1

Gene Alias CRTL1

Gene Description hyaluronan and proteoglycan link protein 1

Omim ID [115435](#)

Gene Ontology [Hyperlink](#)

Other Designations Cartilage link protein|OTTHUMP00000147586|cartilage linking protein 1

Publication Reference

- [Development of a biosensor for detection of pleural mesothelioma cancer biomarker using surface imprinting.](#)

Mathur A, Blais S, Goparaju CM, Neubert T, Pass H, Levon K.

PLoS One 2003 Mar; 8(3):e57681.

Application: Electrochemical

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Recurrence](#)