

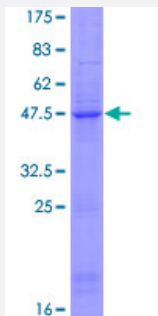
Full-Length

CD69 (Human) Recombinant Protein (P01)

Catalog # H00000969-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CD69 full-length ORF (NP_001772.1, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSENCFAENSSLHPESGQENDATSPHFSTRHEGSFQVPVLCVMMNVVFITILIALISVGQYN
CPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSEHGATLAVIDSEKDMN
FLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNWVNVTGSDKCVFLKNTEVSSMECEKNLYW
ICNKPYK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

49

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 — CD69

Entrez GeneID [969](#)

GeneBank Accession# [NM_001781.1](#)

Protein Accession# [NP_001772.1](#)

Gene Name CD69

Gene Alias CLEC2C

Gene Description CD69 molecule

Omim ID [107273](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. Alternative splicing results in multiple transcript variants

Other Designations C-type lectin domain family 2, member C|CD69 antigen (p60, early T-cell activation antigen)

Disease

- [Addison Disease](#)
- [Arthritis](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)