

CD69, 62-199aa, Human, His tag, Insect cell

Cat.NO.: TP01527

3th Edition

Synonyms:CD69, AIM, BL-AC/P26, CLEC2C, EA1, GP32/28, MLR-3

Description:CD69, also known as early activation antigen CD69, is a type 2 transmembrane glycoprotein in the C-type lectin family. Also, CD69 is a very early activation Ag of T lymphocytes. It is involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets. This protein plays a role in the pathogenesis of allergen induced eosinophilic airway inflammation and responsiveness. Recombinant human CD69, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:17.0kDa (147aa), 18-28KDa (SDS-PAGE under reducing conditions)

Sequences:

ADPSVGQYNCPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSEHGATLAVIDSEKDMNFL
KRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNVTGSDKCVFLKNTEVSSMECEKNLYWICKNPKYKHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.