

PRODUCT DATA SHEET

COMPLEX

Complex Biotech Co., Ltd

Integrin $\alpha 5$ (CD49e) Recombinant Protein

Catalog: BCP3376

Host: E.coli

Tag: His-tag

His-tag

BackGround:

Integrins are α/β heterodimeric cell surface receptors that play a pivotal role in cell adhesion and migration, as well as in growth and survival. The integrin family contains at least 18 α and 8 β subunits that form 24 known integrins with distinct tissue distribution and overlapping ligand specificities. Integrins not only transmit signals to cells in response to the extracellular environment (outside-in signaling), but also sense intracellular cues to alter their interaction with the extracellular environment (inside-out signaling). Integrin $\alpha 5/\beta 1$ is involved in multiple biological processes including embryonic development, angiogenesis and tumor metastasis. By interaction with its fibronectin ligand, $\alpha 5/\beta 1$ transduces signals that regulate cell adhesion, migration, matrix assembly and cytoskeletal organization.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~16kDa

Swiss-Prot:

P08648

Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Restriction Sites:

NdeI-XhoI

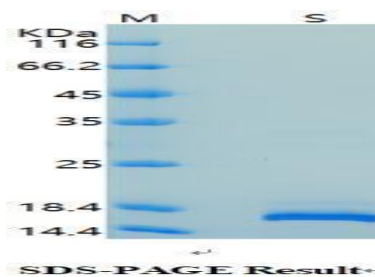
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Expression Vector:

pet-22b(+)

DATA:



Note:

For research use only, not for use in diagnostic procedure.