

Recombinant Mouse VCL / Vinculin Protein (His tag)

Cat.NO.: TP07128

3th Edition

Synonyms:9430097D22;AA571387;AI462105;AW545629

Description:Vinculin (VCL) is a cytoskeletal protein that is closely related to both cell-matrix interactions and cell-cell junctions. VCL is a membrane-cytoskeletal protein in focal adhesion plaques that is involved in linkage of integrin adhesion molecules to the actin cytoskeleton. The protein contains an acidic N-terminal domain and a basic C-terminal domain separated by a proline-rich middle segment. This protein has multi-ligand properties and has been found to interact with a number of microfilament associated proteins, such as talin, α -actinin, and paxillin, which reportedly bind to either the head or tail domains of vinculin.

Form:PBS

Molecular Weight:118.2 kDa

Sequences:Met1-Gln1066

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 μ g 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.