
Recombinant Mouse CD302 / CLEC13A Protein (His tag)**Cat.NO.: TP06366**

3th Edition

Synonyms:1110055L24Rik;AI159627

Description:CD302/CLEC13A (C-type lectin domain family 13 member A), also known as C-type lectin receptor DCL-1, is a type I transmembrane C-type lectin DCL-1/CD302. DCL-1 protein was highly conserved among the human, mouse, and rat orthologs. DCL-1 ectodomain contains only one CRD, whereas other type I transmembrane C-type lectins contain more than one domain (e.g. selectins and MMR). DCL-1 CP contains several putative motifs, including a Tyr-based internalization, a cluster of acidic amino acids, and Ser and Tyr phosphorylation motifs, suggesting that DCL-1 CP mediates not only endocytosis and late endosome targeting but also signaling. DCL-1 may be another cell/matrix adhesion receptor integrated in cell adhesion complexes and that DCL-1 dysfunction may affect APC adhesion and migration, causing suppression of APC function.

Form:PBS**Molecular Weight:**17 kDa**Sequences:**Met 1-His 156**Purity:**> 95% by HPLC**Concentration:****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.