

Recombinant Mouse ADAM9 Protein (His tag)

Cat.NO.: TP08599

3th Edition

Synonyms:AU020942;MDC9;mKIAA0021;Mltng

Description:ADAM9 (A disintegrin and metallopeptidase domain 9, MDC9, meltrin gamma), is a type 1 transmembrane protein that has been associated with cancer development and metastases. ADAM9 is consistently overexpressed in various human cancers, and plays a role in tumorigenesis in mouse models. ADAM9 cleaves and releases a number of molecules with important roles in tumorigenesis and angiogenesis, such as EGF, FGFR2iiib, Tie-2, Flk-1, EphB4, CD40, VCAM-1, and VE-cadherin, and could represent a potential therapeutic target in tumors where it is highly expressed. ADAM9 belongs to a family of transmembrane, disintegrin-containing metalloproteinases involved in protein ectodomain shedding and cell-cell and cell-matrix interactions. ADAM-9 adhesive domain plays a role in regulating the motility of cells by interaction with beta1 integrins and modulates MMP synthesis.

Form:PBS

Molecular Weight:74.9 kDa

Sequences:Met 1-Asp 697

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.