

32-6494: MFGE8 Mouse

Alternative Name : Milk fat globule-EGF factor 8 protein, isoform CRA_a, Putative uncharacterized protein, Mfge8, mCG_6301.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Milk fat globule-EGF factor 8 protein (Mfge8) is pleiotropic secreted glycoprotein which promotes mammary gland morphogenesis, angiogenesis, and tumor progression. Mfge8 has also an imperative role in tissue homeostasis and the prevention of inflammation. Mfge8 functions as a bridge between phosphatidylserine on apoptotic cells and Integrin alpha V beta 3 on phagocytes, leading to the clearance of apoptotic debris.

MFGE8 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 413 amino acids (23-426a.a.) and having a molecular mass of 46kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).MFGE8 is expressed with a 6 amino acid His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : MFGE8 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid : ADLASGDFCD SSLCLNGGTC LTGQDNDIYC LCPEGFTGLV CNETERGPCS PNPCYNDAKC LVTLDTQRGD IFTEYICQCP VGYSGIHCET GCSTQLGMEG GAIADSQISA SSVYMGFMGL QRWGPELARL YRTGIVNAWT ASNYDSKPWI QVNLLRKMRV SGVMTQGASR AGRAEYLKTF KVAYS LDGRK FEFIQDESGG DKEFLGNLDN NSLKVNMFNP TLEAQYIKLY PVSCHRGCTL RFELLGCELH GCSEPLGLKN NTIPDSQMSA SSSYKTWNLR AFGWYPHLGR LDNQGKINAW TAQSNSAKEW LQVDLGTQRQ VTGIITQGAR DFGHIQYVAS YKVAHSDDGV QWTVYEEQGS SKVFQGNLDN NSHKKNIFEK PFMARYVRVL PVSWHNRTL RLELLGCHHH HHH.