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32-13319: METRN Mouse

Alternative Name : Meteorin, Hypoxia/reoxygenation regulatory factor, Metrn, 1810034B16Rik, Hyrac.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Meteorin (METRN) is involved in both glial cell differentiation and axonal network formation during neurogenesis. METRN promotes astrocyte differentiation and transforms cerebellar astrocytes into radial glia. Moreover, the METRN protein stimulates axonal extension in small and intermediate neurons of sensory ganglia by activating nearby satellite glia. METRN produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 276 amino acids (22-291 a.a.) and having a molecular mass of 30.2kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions).

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	METRN 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 :	GYSEDRCSWR GSGLTQEPGS VGQLTLDCTE GAIEWLYPAG ALRLTLGGPD PGTRPSIVCL RPERPFAGAQ VFAERMTGNL ELLLAEGPDL AGGRCMRWGP RERRALFLQA TPHRDISRRV AAFRFELHED QRAEMSPQAQ GLGVDGACRP CSDAELLLAA CTSDFVIHGT IHGVAHDTEL QESVITVVVA RVIRQTLPLF KEGSSEGQGR ASIRTLLRCG VRPGPGSFLF MGWSRFGEAW LGCAPRFQEF SRVYSAALTT HLNPCEMALD HHHHHH.

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