32-8252: Recombinant Human Nogo-A/Reticulon-4/RTN4 (N-GST)(Discontinued)

Gene : RTN4
Gene ID : 57142
Uniprot ID : Q9NQC3

Description

Source: E. coli.
MW :45.5kD.
Recombinant Human Reticulon-4 is produced by our E.coli expression system and the target gene encoding Met1-Val185 is expressed with a GST tag at the N-terminus. RTN4 belongs to multiple-pass membrane peotein, which anchored to the membrane of the endoplasmic reticulum through 2 putative transmembrane domains. It acts as a developmental neurite growth regulatory factor with a roles as a negative regulator of axon-axon adhesion and growth. RTN4 regulates neurite fasciculation, branching and extension in the developing nervous system. It involved in down-regulation of growth, stabilization of wring and restriction of plasticity in the adult CNS. It regulates the radial migration of cortical neurons via an RTN4R-Lingo1 containing receptor complex.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA DKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR GSMEDLDQSPLVSSSDSPPRPQPAFKYQFVREPEDEEEEEEEEEEDEDEDLEELEVLERKPAAGLSAAPVPTAP AAGAPLMDFGNDFVPPAPRGPLPAAPPVAPERQPSWDPSPVSSTVPAPSPLSAAAVSPSKLPEDDEPPARPPPP PPASVSPQAEPVWTPPAPAPAAPPSTPAAPKRRGSSGSV

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.