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Product Datasheet

Recombinant Human NgR (C-6His) EBT-EPT027

Article Name	Recombinant Human NgR (C-6His)
Biozol Catalog Number	EBT-EPT027
Supplier Catalog Number	EPT027
Alternative Catalog Number	EBT-EPT027-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Nogo-66 Receptor/Reticulon 4 Receptor is produced by our Mammalian expression system and the target gene encoding Cys27-Ser447 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 46.32 KDa. Apparent molecular weight: 60-90 KDa, reducing conditions
UniProt	Q9BZR6
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Nogo Receptor (NgR) is a glycosylphosphoinositol (GPI)-anchored protein that belongs to the Nogo receptor family. Human NgR is predominantly expressed in neurons and their axons in the central nervous systems. As a receptor for myelin-derived proteins Nogo, myelin-associated glycoprotein (MAG) and myelin oligodendrocyte glycoprotein (OMG), NgR mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. NgR may be proposed as a potential drug target for treatment of various neurological conditions. Additionally, NgR may play a role in regulating the function of gap junctions
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