



Recombinant Human Neurotensin Receptor 3/Sortilin

Datasheet

Catalog Number:	PR15080CF	Product Type:	Recombinant Protein
Source:	Murine myeloma cell line		
Description/Molecular Mass:	Murine myeloma cell line, NS0 derived Ser78-Asn755, with a Cterminal 6 His tag. N-terminal analysis: Ser78 Accession # Q99523. Predicted Molecular Mass: 99.7 kDa..		
SDS PAGE:	95-100 kDa, reducing conditions		
Activity:	Measured by its binding ability in a functional ELISA. Immobilized rhSortilin at 4 µg/mL (100 µL/well) can bind rhβNGF with a linear range of 3-200 ng/mL.		
Endotoxin Level:	<1.0 EU per 1 µg of the protein by the LAL method.		
Purity:	>97%, by SDSPAGE under reducing conditions and visualized by silver stain.		
Format:	Lyophilized from a 0.2 µm filtered solution in PBS.		
Reconstitution:	Reconstitute at 100 µg/mL in sterile PBS.		
Storage:	12 months from date of receipt, 20 to 70°C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, 20 to 70 °C under sterile conditions after reconstitution. Avoid multiple freeze-thaw cycles.		
References:	<ol style="list-style-type: none"> 1. Petersen, C.M. et al. (1997) J. Biol. Chem. 272:3599. 2. Westergaard, U.B. et al. (2004) J. Biol. Chem. 279:50221. 3. Petersen, C.M. et al. (1998) EMBO J. 18:595. 4. Nielsen, M.S. et al. (2001) EMBO J. 20:2180. 5. HermansBorgmeyer, I. et al. (1999) Mol. Brain Res. 65:216. 6. Mazella, J. et al. (1998) J. Biol. Chem. 273:26273. 7. Nykjaer, A et al. (2004) Nature 427:843. 8. Teng, H.K. et al. (2005) J. Neurosci. 25:5455. 9. Chen, ZY et al. (2004) J. Neurosci. 25:6156. 10. Shi, J and K.V. Kandror (2005) Dev. Cell 9:99. 11. Nielsen, M. S. et al. (1999) J. Biol. Chem. 274:8832. 		

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