



Product Data Sheet

Product Name:	biotin-Neurogranin (48-76), mouse	
Catalog Number:	AS-65577 (1 mg)	Lot Number: See label on vial
Sequence:	biotin-Ser-Gly-Glu-Cys-Gly-Arg-Lys-Gly-Pro-Gly-Pro-Gly-Gly-Pro-Gly-Gly-Ala-Gly-Gly-Ala-Arg-Gly-Gly-Ala-Gly-Gly-Pro-Ser-OH Biotin-SGECGRKGP GPGGGP GGAGGARGGAGGGPS	
Molecular Weight:	2548.9	
Peptide Purity:	Peak Area by HPLC \geq 95%	
Storage:	This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.	
Description:	Neurogranin is a post synaptic protein that is expressed in dendritic cytoplasm. It modulates calcium-mediated signaling pathways and plays critical role in synaptic plasticity. Recently Neurogranin (48-76) was identified as a major neurogranin peptide fragment in human brain and it was found that patients with Alzheimer's Disease have elevated levels of Neurogranin (48-76) in cerebrospinal fluid.	
Related Products:	Neurogranin (48-76), mouse, Cat# AS-65578 Neurogranin (48-76), human, Cat# AS-65575 Biotin-Neurogranin (48-76), human, Cat# AS-65576	
References:	<ol style="list-style-type: none">1. De Vos A., et.al., Alzh and Dement 4, 1-9 (2015)2. Kvartsberg H., et.al., Alzh Res & Ther 7(40), 1-9 (2015)3. Tarawneh R., et.al., JAMA Neur, E1-E11 (2016)	

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