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Product Datasheet

CHRNA3, Recombinant, Human, aa32-240, His-Tag (Neuronal acetylcholine receptor subunit alpha-3 isoform) USB-349787

Article Name	CHRNA3, Recombinant, Human, aa32-240, His-Tag (Neuronal acetylcholine receptor subunit alpha-3 isoform)
Biozol Catalog Number	USB-349787
Supplier Catalog Number	349787
Alternative Catalog Number	USB-349787-100, USB-349787-500
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	CHRNA3 also known as neuronal acetylcholine receptor subunit alpha-3 isoform 1 is a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. The protein is expressed in the brain and heart. It is involved in the transmission of nerve impulses. It is a heteropentameric receptor composed of five subunits (alpha 1, alpha 2, beta 2, gamma 2, and delta). It is a ligand-gated ion channel that opens in response to the binding of acetylcholine. It is a non-selective cation channel that allows the passage of potassium, calcium, and magnesium ions. It is a G-protein coupled receptor that is coupled to Gq/G11 and G12/G13 G-proteins. It is a member of the MUSCARINIC ACETYLCHOLINE RECEPTOR SUBTYPE 3 family of proteins. It is a member of the GPCRs (G-protein coupled receptors) superfamily. It is a member of the MUSCARINIC ACETYLCHOLINE RECEPTOR SUBTYPE 3 family of proteins. It is a member of the GPCRs (G-protein coupled receptors) superfamily.
Molecular Weight	27
NCBI	000734
Purity	80% (SDS-PAGE)
Form	Supplied as a liquid in 20mM Tris-HCl, pH 8.0, 10% glycerol.