

Recombinant Human CHRFAM7A protein, His-tagged

Cat. No. CHRFAM7A-11204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHRFAM7A protein(241-386 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	241-386 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	TRVILLNWCAWFLRMKRPGEDKVRPACQHKQRRCSLASVEMSAVAPPPASNGNLL YIGFRGLDGVHCVPTPD SGVVCGRMACSPTHDEHLLHGGQPPEGDPDLAKILEEVR YIANRFRCQDESEAVCSEWKFAACVVDRLCLMAFS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

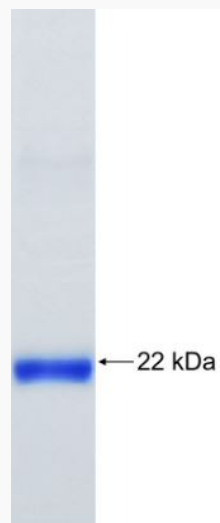
GENE INFORMATION

Gene Name	CHRFAM7A CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion [Homo sapiens]
Official Symbol	CHRFAM7A
Synonyms	CHRFAM7A; CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion; CHRNA7-FAM7A fusion protein; CHRNA7 DR1; D 10; alpha-7 nicotinic cholinergic receptor subunit; alpha 7 neuronal nicotinic acetylcholine receptor-FAM7A hybrid; CHRNA7 (cholinergic receptor, nicotinic, alpha polypeptide 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion; D-10; CHRNA7; CHRNA7-DR1; MGC120482; MGC120483;
Gene ID	89832
mRNA Refseq	NM_139320
Protein Refseq	NP_647536
MIM	609756
UniProt ID	Q494W8

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SDS-PAGE

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