

Recombinant Human NPSR1 Protein

Cat. No. NPSR1-6047H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPSR1 full-length ORF (ADR82967.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the G protein-coupled receptor 1 family and encodes a plasma membrane protein. Increased expression of this gene in ciliated cells of the respiratory epithelium and in bronchial smooth muscle cells is associated with asthma. Mutations in this gene have also been associated with this disease. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]
Form	Liquid
Molecular Mass	41.5 kDa
AA Sequence	MPANFTEGSFDSSGTGQTLDSSPVACTETVTFTEVVEGKEWGSFYYSFKTEQLITL WVLFVFTIVGNSVVLFFSTWRRKKKSRMTFFVTQLAITDSFTGLVNILTDINWRFTGDF TAPDLVCRVVRYLQVVLLYASTYVLVSLSIDRYHAIVYPMKFLQGEKQARVLIVIAWSL SFLFSIPTLIIFGKRTLSTNGEVQCWALWPDDSYWTPYMTIVAFLVYFIPLTIISIMYGIVI RTIWIKSKTYETVISNCSDBGKLCSSYNRGLISKAKIKAIKYSIIIIILAFICCWSPYFLFDILD NFNLLPDTQERFYASVIIQNLPALNSAINPLIYCVFSSSISFPCRVIRLRQLQEALMLC PQRENWKGTWPGVPSWALPR

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	NPSR1 neuro peptide S receptor 1 [Homo sapiens]
Official Symbol	NPSR1
Synonyms	NPSR1; neuro peptide S receptor 1; G protein coupled receptor 154 , GPR154; neuro peptide S receptor; GPRA; PGR14; G protein-coupled receptor 154; G-protein coupled receptor 154; G-protein coupled receptor PGR14; vasopressin receptor-related receptor 1; G protein-coupled receptor for asthma susceptibility; G-protein coupled receptor for asthma susceptibility; NPSR; VRR1; ASRT2; GPR154;
Gene ID	387129
mRNA Refseq	NM_207172
Protein Refseq	NP_997055

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MIM	608595
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UniProt ID	Q6W5P4
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