

Product datasheet for SC119730

Cholecystokinin (CCK) (NM_000729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cholecystokinin (CCK) (NM_000729) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cholecystokinin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_000729 edited ATGAACAGCGGCTGTGCCTGTGCGTGTGATGGCGGTACTGGCGCTGGCGCCCTGACG CAGCCGGTGCCTCCCGCAGATCCCGCGGGCTCCGGGCTGCAGCGGCAGAGGAGGCGCCC CGTAGGCAGCTGAGGGTATCGCAGAGAACGGATGGCGAGTCCCGAGCGCACCTGGGCGCC CTGCTGGCAAGATACATCCAGCAGGCCCGAAAGCTCCTTCTGGACGAATGTCCATCGTT AAGAACCTGCAGAACCTGGACCCAGCCACAGGATAAGTGACCGGGACTACATGGGCTGG ATGGATTTGGCCGTCGCAGTGCCGAGGAGTATGAGTACCCTCCTAG
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_000729 unedited CACGAGCGGGCTGCTCCGGTTGAAACGCCAAGCCAGCTGCGTCTAATCCAAAAGCC ATGAACAGCGGCTGTGCCTGTGCGTGTGATGGCGGTACTGGCGCTGGCGCCCTGACG CANCCGGTGCCTCCCGCAGATCCCGCGGGCTCCGGGCTGCAGCGGCAGAGGAGGCGCCC CGTAGGCAGCTGAGGGTATCGCAGAGAACGGATGGCGAGTCCCGAGCGCACCTGGGCGCC CTGCTGGCAAGATACATCCAGCAGGCCCGAAAGCTCCTTCTGGACGAATGTCCATCGTT AAGAACCTGCAGAACCTGGACCCAGCCACAGGATAAGTGACCGGGACTACATGGGCTGG ATGGATTTGGCCGTCGCAGTGCCGAGGAGTATGAGTACCCTCCTAGAGGACCCAGCCG CCATCAGCCCAACGGGAAGCAACCTCCCAACCCAGAGGAGGCAGAATAAGAAAACAATCA CACTATAACTCATTGTCTGGTGGGAGTTTGACATTGTATGTATCTATTNAATTAAGTTC TCAATGTGAAAN
Restriction Sites:	NotI-NotI
ACCN:	NM_000729
Insert Size:	800 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_000729.3, NP_000720.1</u>
RefSeq Size:	851 bp
RefSeq ORF:	348 bp
Locus ID:	885
UniProt ID:	<u>P06307</u>
Cytogenetics:	3p22.1
Domains:	Gastrin
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	<p>This gene encodes a member of the gastrin/cholecystokinin family of proteins. The encoded preproprotein is proteolytically processed to generate multiple protein products, including the peptide hormones cholecystokinin-8, -12, -33, and others. The encoded peptides have been shown to regulate gastric acid secretion and food intake. A sulfated form of cholecystokinin-8 may modulate neuronal activity in the brain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>