

Product datasheet for **SC107230**

Cklfsf8 (CMTM8) (NM_178868) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cklfsf8 (CMTM8) (NM_178868) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cklfsf8
Synonyms:	CKLFSF8; CKLFSF8-V2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_178868 edited ATGGAGGAGCCGAGCGCGCCGCTCGCACACAGTCACCACCACCGCCAGCTCCTTCGCA GAGAACTTCTCCACCAGCAGCAGCAGCTTCGCCTACGACCGGGAGTTCTCCGCACCTG CCCGGCTTCTCATCGTGGCCGAGATCGTTCTGGGGCTGCTGGTATGGACGCTTATTGCT GGAAGTGAAGTACTTCCGGTCCCGCATTTGGCTGGGTGCTGTTGTAGCTGTATTTTAC TGGGTCTCACCCTCTTCTTCTCATTATCTACATAACAATGACCTACACCAGGATTCCC CAGGTGCCCTGGACAACAGTGGGCTGTGCTTTAACGGCAGTGCCTTCGTCTTGACCTC TCTGCCGCTGTTGTAGATGCATCTTCCGTCTCCCTGAGAGGGACAGTCACAACCTCAAC AGCTGGGCGGCTCATCGTTCTTTGCCTTCCTGGTCACCATCTGCTACGCTGGAAATACA TATTTCAAGTTTATAGCATGGAGATCCAGGACCATACAGTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_178868 unedited
 NGGGTTTAAAAATTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACCAGCCCCGCGC
 CTGTGTCCCCAGGCGCAGGGCCGCGCTCCAGCCCAGACCCGCGGGTCCCTGGGGAC
 GCGCCAGCCCGGAGTGGCTCGACGATGGAGGAGCCGAGCGCGCCCGCTCGCACACAGT
 CACCACCACCGCCAGCTCCTTCGAGAGAACTTCTCCACCAGCAGCAGCAGCTTCGCCTA
 CGACCGGGAGTTCTCCGCAACCTGCCCGGCTTCTCATCGTGGCCGAGATCGTTCTGGG
 GCTGTGGTATGGACGCTTATTGCTGGAAGTACTTCCGGGTCCCGCATTTCGGCTG
 GGTCATGTTTGTAGCTGTATTTTACTGGGTCTCACCCTTCTTCTCATTATCTACAT
 AACAAATGACCTACACCAGGATCCCCAGGTGCCCTGGACAACAGTGGGCCTGTGCTTTAA
 CGGCAGTGCCTTCGTCTTGTACCTCTCTGCCGCTGTTGTAGATGCATCTTCCGTCTCCC
 TGAGAGGGACAGTCACAACCTCAACAGCTGGGCGGCTCATCGTTCTTTCCTTCCTGGT
 CACCATCTGCTACGCTGGAAATACATATTTAGTCTTATAGCATGGAGATCCAGGACCAT
 ACAGTGATTTACCATTTTGATAATTAAGGAAAAAAGGAAGACTCTCACTGTAATA
 ACAGCTGTAGGTATAATGTATATTTCCAGAGAATTGTATTTAACTAATTAATGTTTTTA
 TATTCTTAAATTTGCTCACAATTGTGGTTGTACAATTAAGTACTTANTTGCNN
 AAGTGTGTAGCTTATAAATGAAGTCTAAAGTATCTATTAATGTATNAATGGCTNCATAGA
 TCATATNNTCTTAGACATGTNTTAATAAGATAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_178868 unedited
 TGTGGACGCGCCGCTTTCTAGGATCGAGTTTTCTTTTTTTTTTTGGGATTTTGCTTC
 ATTTAATCAAAAAAGAACTGGCATCTTAAAGTTAGGTTTACAACTTGACACATTCTCAA
 TATTAGCAATTTATCTATTTAAACATTGTCTAAGAAAATATGATCTATGAAGACATTAAT
 ACATTAATAAGATACTTAAGAGTTCATTATAAGCTACAACACTTTGCAAATAAGTATCCA
 GTTTAATTGTAACAAACCACAATTTGTGAGCAATTTAAGAATATAAAAAACATTAATTA
 GTTAAATACAATTCTCTGGGAATATACATTATACCTACAGCTGTTTTACAGTGAGAGTC
 TTCCTTTTTTTTTCTTTAATTATCAAAATGGTAAATCACTGTATGGTCTGGATCTCC
 ATGCTATAAACTGAAATATGTATTTCCAGCGTAGCAGATGGTGACCAGGAAGGCAAGA
 ACGATGAGGCGCCAGCTGTTGAAGTTGTGACTGTCCCTCTCAGGGGAGACGGAAGATG
 CATCTACAACAGCGGCAGAGAGGTACAAGACGAAGGCACTGCCGTTAAAGCACAGGCCCA
 CTGTTGTCCAGGGCACCTGGGGAATCCTGGTGTAGGTGATTGTTATGTAGATAATGAGGA
 AGAAGACGGTGAGGACCCAGTAAATACAGCTACAACATGACCCAGCCAAATGCGGGGA
 CCCGGAAGTACTCAGTTCCAGCAATAAGCGTCCATACCAGCAGCCCCAGAACGATCTCGG
 CCACGATGAGGAAGCCGGGCAGGGTGCGNGAGAACTCCCGGTGCTAGGCGAAGCTGCTGC
 TGCTTGTGGAGAAAGTCTCTTGCAGAGCTGGCCGTTGTGGTACTGTGTTCCAAACGG
 GCNCNCTGCGGCTTCTCCATCGTCGAGCCATGGCGGGCTGGCGCGTCCCCGGGGACCCGG
 CCGGGTCTGGGCTTGC

Restriction Sites:

NotI-NotI

ACCN:

NM_178868

Insert Size:

1100 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).

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:	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_178868.3, NP_849199.2</u>
RefSeq Size:	1185 bp
RefSeq ORF:	522 bp
Locus ID:	152189
UniProt ID:	<u>Q8IZV2</u>
Cytogenetics:	3p22.3
Protein Families:	Transmembrane
Gene Summary:	This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 3. This gene acts as a tumor suppressor, and plays a role in regulating the migration of tumor cells. The encoded protein is thought to function as a negative regulator of epidermal growth factor-induced signaling. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).