

Specifications:

Gene:	<i>hAXL</i>
Accession:	AAH32229
Insert size:	2698bp
Concentration:	10µg at 0.2µg/µL

hAXL cDNA Plasmid

AXL AXL receptor tyrosine kinase [*Homo sapiens*]

Also known as: UFO; JTK11

Summary:

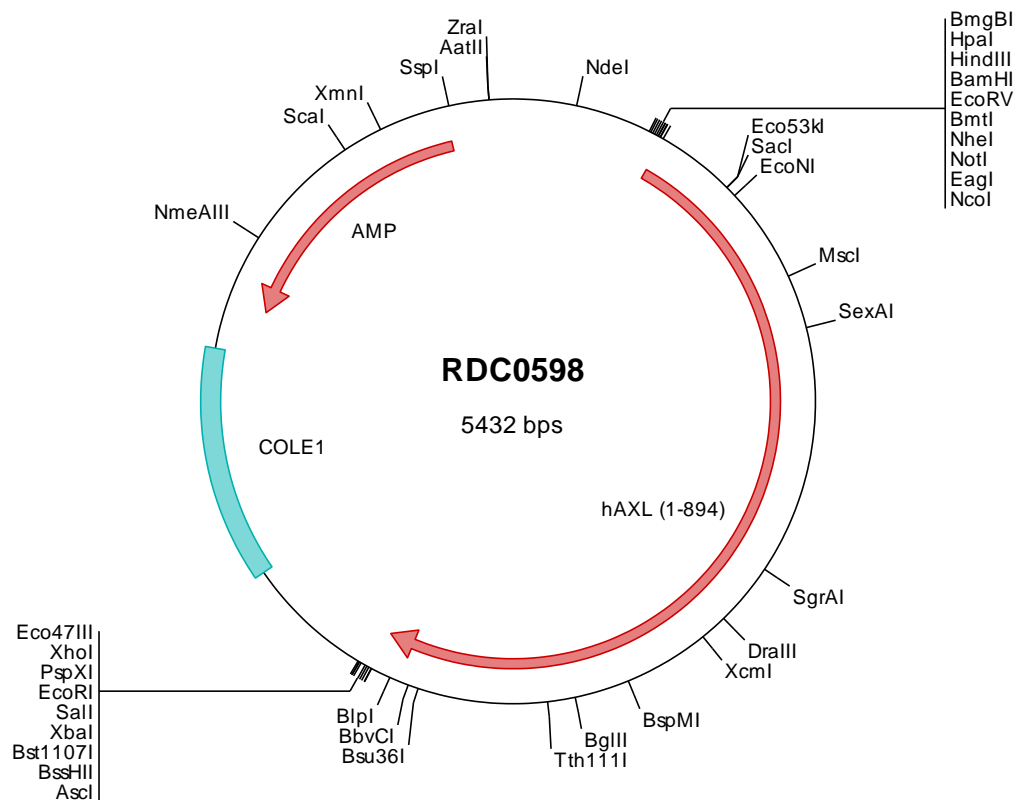
AXL is a member of the receptor tyrosine kinase family. It is similar to other receptor tyrosine kinases, however it has a unique structure of an extracellular region that juxtaposes IgL and FNIII repeats. AXL is involved in the stimulation of cell proliferation and can mediate cell aggregation by homophilic binding. Alternatively spliced transcript variants encoding different proteins have been identified.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0598 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtg accatattgc gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taacgcagct ggcgaaagg ggtatgtctg caaggcgatt aagtgggta acgcccgggt ttcccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tccgtagcgc ggccgcacc atggcgttgc ggtgcccag gatgggcagg gtcccctgg cctggtgctt
501 ggccgtgtgc ttctggcgtt gcattggcccc caggggcacc caggctgaag aaagtccctt cgtgggcaac ccagggaata tcacagtgcc ccggggaact
601 acgggcaccc ttccggtgta gctccagggt caggagagac ccccagagt acattggctt cgggatggac agatcctgga gctcgggac agcaccaga
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5401 taaaaatagg cgtatcacga ggccctttcg tc

> RDC0598 Translated Insert Sequence

1 mawrcprmgr vplawclalc gwacmaprgt qaeespfvgn pgnitgargl tgtlrcqlqv qgeppevhwil rdgqilelad stqtqvplge deqddwivvs
101 qlritslqls dtggyqclvf lghqtfvsgp gyvgleglpy fleepedrtv aantpfnlsc qagpppepvd llwlqdavpl atapghgpgq slhvpplnkt
201 sfsfceahna kvvttstrat itvlpqpprn lhlvsrqpte levawtpqls giyplthctcl qavlsddgm iqagepdppe epltsqasvp phqlrlgslh
301 phtpyhirva ctssqgppsw thwlpvetpe gvplgppeni satrnsgqaf vhwqeprapl qgtllgyrla yqgqdtpevl mdiglrqevt lelqgdgsvs
401 nltvcvaayt aagdpwslp vpleawppgq aqpvhqlvke pstpafswpw wyvilgavva aacvlilalf lvhrrkketr ygefeptve rgelvvyrv
501 rksysrrtte atlnslgise elkeklrdvm vdrhkvalgk tlgegefagv megqlnqds ilkvavktmk iaictrsele dflseavcmk efdhpnvmrl
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701 dyyrqgriak mpvkwiaies ladrvytsks dwsfvgtmw eiatarqtpy pgvenseiyd ylrrgnrlkq padclldglya lmsrcwelnp qdrpsftelr
801 edlentlkal ppaqepdeil yvnmdegggy peppgaagga dpptqpdpkd scscltaeav hpagryvlcp sttspaqpa drgsppaagg edga