

Product datasheet for **SC202830**

POGLUT2 (NM_024089) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: POGLUT2 (NM_024089) Human 3' UTR Clone
Symbol: POGLUT2
Synonyms: EP58; ERp58; KDEL1; KDEL1
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_024089
Insert Size: 244 bp
Insert Sequence: >SC202830 3'UTR clone of NM_024089
 The sequence shown below is from the reference sequence of NM_024089. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CATAGGAAAAAGACCAAAGATGAACTCTGATATGCAAAATAACTTCTATTAGAATAATGGTGCTCTGAA
GACTCTTCTTAATAAAAAAGAAGATTTTTTAAAGTATTAATTCCATGGACAATATAAAATCTGTGTGA
TTGTTTGCAGTATGAAGACACATTTCTACTTATGCAGTATTCTCATGACTGTACTTTAAAGTACATTTT
TAGAATTTTATAATAAAACCACCTTTATTTTAAAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI
OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq: [NM_024089.3](#)


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Summary:

This gene encodes a protein product localized to the lumen of the endoplasmic reticulum. As a member of the endoplasmic reticulum protein family the encoded protein contains a Lys-Asp-Glu-Leu or KDEL motif located at the extreme C-terminus which prevents all endoplasmic reticulum resident proteins from being secreted. Proteins carrying this motif are bound by a receptor in the Golgi apparatus so that the receptor-ligand complex returns to the endoplasmic reticulum. A processed non-transcribed pseudogene located in an intron of a sodium transporter gene on chromosome 5 has been defined for this gene. This gene has multiple transcript variants which are predicted to encode distinct isoforms. [provided by RefSeq, Jan 2016]

Locus ID:

79070

MW:

9.7