

Product datasheet for **SC301438**

LUZP2 (NM_001009909) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LUZP2 (NM_001009909) Human Untagged Clone
Tag:	Tag Free
Symbol:	LUZP2
Synonyms:	KFSP2566; PRO6246
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301438 representing NM_001009909. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAATTCAGCCAGCGCACTACCTGCTGCCTCTCCTGCCTGCGCTGGTCTCAGCACCAGACAGGAC
TATGAAGAGCTAGAAAAGCAGCTGAAAGAAGTCTTTAAGGAGCGAAGCACCATTCTTCGTCAGCTGACA
AAGACATCAAGAGAACTTGATGGAATTAAGTCAATCTTCAGTCCTTAAAAACGATGAGCAGTCTGCC
AAACTGATGTTCAAGAACTTCTGGAATTAGGACAGAAACAAAGAGAAGAAATGAAGTCTCTTCAGGAG
GCCCTGCAAAATCAGCTTAAGGAGACATCAGAGAAAGCAGAAAAACACCAGGCTACTATTAATTTTTTA
AAGACTGAAGTTGAAAGAAAGAGCAAAATGATCCGAGACCTCCAGAATGAGAATAAAGCTTGAAAAAC
AAACTCTTGTCAGGAAACAAGCTCTGTGGCATTACGCAGAAAGAGTCAAAAAAATCCAAGCCAGCTG
AAGGAGCTTCGTTATGGGAAGAAGGATTTATTATTTAAGGCGCAGCAGCTTACTGATCTGGAACAAAA
TTAGCTGTAGCCAAAAATGAACTGGAGAAAGCAGCTCTTGACAGGGAGTCACAGATGAAAGCAATGAAA
GAGACTGTGCAGCTCTGCTTGACATCTGTTTTCCGTGATCAGCCTCCTCCCCCTTTGAGTTTAATCACA
TCAATCCAACCTCGGATGTTACTCCACCCAGGAATATTGCCTCTAAGCTTCAGATGCAGCGGCCAAA
AGCAAGCCTCAACAAAGTGCTTCTGGAACAATGAGAGCTCTCAAGTTGAGTCAACAAAGGAAGGAAAT
CCAAGTACCACTGCCTGTGACTCTCAAGATGAGGGCAGACCGTGTCCATGAAGCACAAGAAAGTCCC
CCAAGTAATGCCACTGCAGAAACCGAGCCTATCCACAGAAATTGCAATGCCTCCTTGCTCTGAATGT
GAGGTGAAAAAGCCCCAGAAAAACCATTGACCAGCTTTGAAGGGATGGCAGCTAGAGAAGAAAAATA
CTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001009909



[View online »](#)

Insert Size:	1041 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001009909.3</u>
RefSeq Size:	5311 bp
RefSeq ORF:	1041 bp
Locus ID:	338645
UniProt ID:	<u>Q86TE4</u>
Cytogenetics:	11p14.3
MW:	39 kDa
Gene Summary:	This gene encodes a leucine zipper protein. This protein is deleted in some patients with Wilms tumor-Aniridia-Genitourinary anomalies-mental Retardation (WAGR) syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.