

Product datasheet for RG222332

XPR1 (NM_004736) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: XPR1 (NM_004736) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: XPR1

Synonyms: IBGC6; SLC53A1; SYG1; X3

Mammalian Cell Neomycin

Selection:

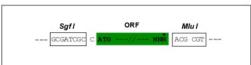
Vector: pCMV6-AC-GFP (PS100010)

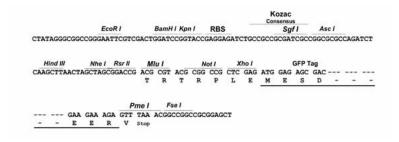
E. coli Selection: Ampicillin (100 ug/mL)

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:





ACCN: NM_004736

ORF Size: 2088 bp



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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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 004736.2, NP 004727.2</u>

 RefSeq Size:
 4546 bp

 RefSeq ORF:
 2091 bp

 Locus ID:
 9213

UniProt ID:Q9UBH6Cytogenetics:1q25.3Domains:SPX, EXS

Protein Families: Druggable Genome, Transmembrane

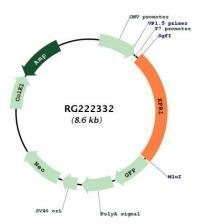
Gene Summary: The protein encoded by this gene is a receptor for the xenotropic and polytropic classes of

murine leukemia viruses. The encoded protein is involved in phosphate homeostasis by mediating phosphate export from the cell. Defects in this gene have been associated with

idiopathic basal ganglia calcification-6. [provided by RefSeq, Jun 2016]



Product images:



Circular map for RG222332