

Product datasheet for **MR200565L4V**

Uxt (BC029258) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Uxt (BC029258) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Uxt |
| Synonyms: | 0910002B17Rik |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | BC029258 |
| ORF Size: | 357 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR200565). |
| 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. |
| RefSeq: | BC029258 , AAH29258 |
| RefSeq Size: | 701 bp |
| RefSeq ORF: | 359 bp |
| Locus ID: | 22294 |
| Cytogenetics: | X A1.3 |



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Gene Summary:

Involved in gene transcription regulation. Acts in concert with the corepressor URI1 to regulate androgen receptor AR-mediated transcription. Together with URI1, associates with chromatin to the NKX3-1 promoter region. Negatively regulates the transcriptional activity of the estrogen receptor ESR1 by inducing its translocation into the cytoplasm. May act as nuclear chaperone that facilitates the formation of the NF-kappa-B enhanceosome and thus positively regulates NF-kappa-B transcription activity. Potential component of mitochondrial-associated LRPPRC, a multidomain organizer that potentially integrates mitochondria and the microtubular cytoskeleton with chromosome remodeling. Increasing concentrations of UXT contributes to progressive aggregation of mitochondria and cell death potentially through its association with LRPPRC. Suppresses cell transformation and it might mediate this function by interaction and inhibition of the biological activity of cell proliferation and survival stimulatory factors like MECOM.[UniProtKB/Swiss-Prot Function]