

Product datasheet for **RC201223L3V**

HIGD2A (NM_138820) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | HIGD2A (NM_138820) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HIGD2A |
| Synonyms: | RCF1b |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_138820 |
| ORF Size: | 318 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201223). |
| 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: | NM_138820.2 |
| RefSeq Size: | 628 bp |
| RefSeq ORF: | 321 bp |
| Locus ID: | 192286 |
| UniProt ID: | Q9BW72 |
| Cytogenetics: | 5q35.2 |
| Domains: | HIG_1_N |
| Protein Families: | Transmembrane |


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MW: 11.5 kDa

Gene Summary: The protein encoded by this gene is a subunit of the cytochrome c oxidase complex (complex IV), which is the terminal enzyme in the mitochondrial respiratory chain. The encoded protein is an inner mitochondrial membrane protein and is a functional ortholog of the yeast respiratory supercomplex factor 1 (Rcf1). In mouse, the orthologous protein enhances cell survival under conditions of hypoxia. [provided by RefSeq, Sep 2016]