

Protein Sequence: >MR206474 protein sequence
Red=Cloning site Green=Tags(s)

MANVADTKLYDILGVPPGASENELKKAYRKLAKHEYHPDKNPAGDKFKEISFAYEVL SNPEKREL YDRYG
 EQGLREGSGGGGGMDDIFSHIFGGGLFGFMGNQSRSRNRRRGEDMMHPLKVSLEDLYNGKTTKLQLSKN
 VLCSACSGQGKSGAVQKCSACRGRGVRIMIRQLAPGMVQMQSVCSDCNGEGEVINEKDRCKKCEGKKV
 IKEVKILEVHVVDKGMKHGQRITFTGEADQAPGVEPGDIVLLQLQEKEHEVFQRDGNLHMTYKIGLVEALC
 GFQFTFKHL DARQIVVKYPPGKVI EPGCVRVVRGEGMPQYRNPF EKGDLYIKFDVQFPENNW INPKLSE
 LEDLLPSRPEVPNVIGETEEVELQFEDSTRGSGGQRREAYNDSSDEESSHHGPGVQCAHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_019794

ORF Size: 1239 bp

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: [NM_019794.1](#), [NM_019794.2](#), [NM_019794.3](#), [NM_019794.4](#), [NP_062768.1](#)

RefSeq Size: 2839 bp

RefSeq ORF: 1239 bp

Locus ID: 56445

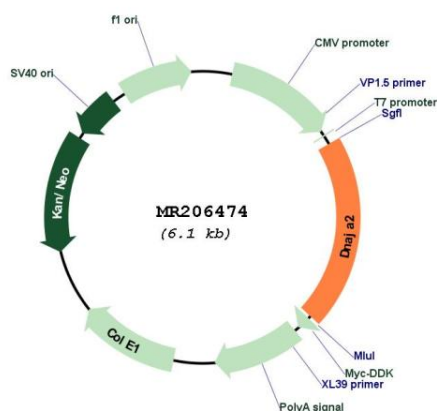
UniProt ID: [Q9QYJ0](#)

Cytogenetics: 8 C3

MW: 45.7 kDa

Gene Summary: Co-chaperone of Hsc70. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206474