

# Hamster c-ha-ras protein gene complete cds

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## Translation

Met TEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTI  
EDSYRKQVVIDGETCLLDILDTAGQEEYSAMet RDQY  
Met RTGEGFLCVFAINNTKSFEDIHQYREQIKRVKDS  
DVP Met VLVGNKCDLAARTVESRQAQDLARSYGIPYIE  
TSAKTRQGVEDAFYTLVREIRQHKLRKLNPPDESGP  
GC Met SCKCVLS Stop

## Base Count

```
atg acagaataca
agctcgtggt ggtggcgct ggaggcgtgg gaaagagtgc cctgaccatc cagctgatcc
agaaccattt tgtggacgag tatgaccca ccatagag
gattc ctaccggaaa
cagggtgtca ttgatgggga gacatgtctg ctggacatct tagacacagc aggccaagag
gagtacagtg ccatgagggga ccagtacatg cgcacagggg agggcttctt ctgtgtgttc
gccatcaaca acaccaagtc cttgaagac atccatcagt acag
ggag
cagatcaagc ggtgaagga ctgagacgat gtgccaatgg tgctggtggg gaacaagtgt
gacctggccg ctcgaaccgt tgagtcgagg caggcccagg acctgcccg cagctatggc
atcccctaca ttgaaacatc agccaagacc cggcag
ggtgtgga ggatgccttc tacacactag
tacgtgagat tcggcagcat aaactgcgga agctgaacc acccgatgag agtggcctg
gctgcatgag ctgcaagtgt gtgctatcct ga
atg aca gaa tac aag ctc gtg gtg gtg ggc gct gga ggc gtg gga aag agt gcc ctg acc
M T E Y K L V V V G A G G V G K S A L T
atc cag ctg atc cag aac cat ttt gtg gac gag tat gac ccc acc ata gag gat tcc tac
I Q L I Q N H F V D E Y D P T I E D S Y
cgg aaa cag gtg gtc att gat ggg gag aca tgt ctg ctg gac atc tta gac aca gca ggc
R K Q V V I D G E T C L L D I L D T A G
caa gag gag tac agt gcc atg agg gac cag tac atg cgc aca ggg gag ggc ttc ctc tgt
Q E E Y S A M R D Q Y M R T G E G F L C
gtg ttc gcc atc aac aac acc aag tcc ttt gaa gac atc cat cag tac agg gag cag atc
V F A I N N T K S F E D I H Q Y R E Q I
aag cgg gtg aag gac tca gac gat gtg cca atg gtg ctg gtg ggg aac aag tgt gac ctg
K R V K D S D D V P M V L V G N K C D L
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gcc gct cga acc gtt gag tcg cgg cag gcc cag gac ctt gcc cgc agc tat ggc atc ccc  
A A R T V E S R Q A Q D L A R S Y G I P  
tac att gaa aca tca gcc aag acc cgg cag ggt gtg gag gat gcc ttc tac aca cta gta  
Y I E T S A K T R Q G V E D A F Y T L V  
cgt gag att cgg cag cat aaa ctg cgg aag ctg aac cca ccc gat gag agt ggc cct ggc  
R E I R Q H K L R K L N P P D E S G P G  
tgc atg agc tgc aag tgt gtg cta tcc tga  
C M S C K C V L S "-"