

Recombinant Full Length Human DALRD3 Protein, GST-tagged

Cat. No. DALRD3-2337HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DALRD3 full-length ORF (NP_001009996.1, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	543 amino acids
Description	The exact function of this gene is not known. It encodes a protein with a DALR anticodon binding domain similar to that of class Ia aminoacyl tRNA synthetases. This gene is located in a cluster of genes (with a complex sense-anti-sense genome architecture) on chromosome 3, and contains two micro RNA (miRNA) precursors (mir-425 and mir-191) in one of its introns. Preferential expression of this gene (the miRNAs and other genes in the cluster) in testis suggests a role of this gene in spermatogenesis (PMID:19906709). [provided by RefSeq, Feb 2013]
Molecular Mass	85.80 kDa
AA Sequence	MATRRLLGVGETLGALNAALGPGGPVWIKETRTRHLRSRDFLAPHRALQARFDDGQ VPEHLLHALACLQGPGVAPVLRCAPTPAGLSLQLQRSVAFERVLSSAVAAYATPASPA SLGQRVLLHCPALRSSPCALRLSQLRTVLVADHLARALRAHGVCVRLVPAVRDPHM LTFLQQLRVDWPAASERASSHTLRSHALEELTSANDGRTLSPGILGRCLCKELVEEQ GRTAGYDPNLDNCLVTEDLLSVLAELQEALWHWPEDSHPLAGASDTGTGGCLVV HVVSCEEEFQQQKDLLWQKLVDKAPLRQKHLICGPVKVAGAPGTLMTAPEYYEFR

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HTQVCKASALKHGGDLAQDPAWTEIFGVLSVATIKFEMLSTAPQSQLFLALADSSIST
KGTKSGTFVMYNCARLATLFESYKCSMEQGLYPTFPPVSSLDIFSLLHDEGEWLLLF
NSILPFPDLLSRTAVLDCTAPGLHIAVRTEMICKFLVQLSMDFSSYYNRVHILGEPRPH
LFGQMFVRLQLLRVREVLHTGLAMLGLPPLSHI

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name DALRD3 DALR anticodon binding domain containing 3 [Homo sapiens]

Official Symbol DALRD3

Synonyms DALRD3; DALR anticodon binding domain containing 3; DALR anticodon-binding domain-containing protein 3; FLJ10496;

Gene ID 55152

mRNA Refseq NM_001009996

Protein Refseq NP_001009996

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MIM	618904
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UniProt ID	Q5D0E6
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