

Product datasheet for **SC209055**

Dexas1 (RASD1) (NM_016084) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Dexas1 (RASD1) (NM_016084) Human 3' UTR Clone
Symbol:	Dexas1
Synonyms:	AGS1; DEXRAS1; MGC:26290
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016084
Insert Size:	718 bp
Insert Sequence:	>SC209055 3'UTR clone of NM_016084 The sequence shown below is from the reference sequence of NM_016084. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGACAAGGAGCGCTGCGTCATCAGCTAGGAGCCCCGCCGCGCTGGCGACACAACCTAAGGAGGACCT
TTTTGTTAAGTCAAATCCAACGGCCCGGTGCGCCCCAGGCCGGGAGCGCGCGGACTGGCGTCTCCCC
TCCCGGCATCCGCCCCAGCACTGGGGAGGCGCCACTGAACCGAGAAGGGACGGTCATCTGCTCCGGA
AGGAAAGAGAACGGCCAAGACTGGGACTATCCCCACCCCGGTCCCCATTGAGGCCGCCACCCCC
ATAACTTTGGGAGCGAGGCCAGCCGAGGGTGGATTTATCTTCTCAAAGACCTAAGAGTGAGCGCGGG
GTGGGGGAGGGATGTGAAGTTATCCAGCCTCTGCTAGGCTTCAAGAAACCGTCATGCCCGCTTGAGGGT
CAGGACCCACGGGGCATTATCTTGTCTGTGATTCCGGGTGCTGTGACAGCCGGTAGAGCCTCTGCCT
CCCAAACTAAGCGGGGGGGCGTGGGTCAAATCATAGCCAAGTGACTTGTTTACATGTGAGTGAAACTG
CACAAAGGAACACAAAACAAACTTGCACCTTAACGGTAGTCCGGTGTCAACATGGACACGAACAAAA
CCTTACCCAGGTGTTTACTGTGTGTCTGAGGTCTTTAAAGTTATTGCTTTATTTGGTTTTTTAAT
ATACAATAAAATAATTTAAATGGAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_016084.5</u>
Summary:	This gene encodes a member of the Ras superfamily of small GTPases and is induced by dexamethasone. The encoded protein is an activator of G-protein signaling and acts as a direct nucleotide exchange factor for Gi-Go proteins. This protein interacts with the neuronal nitric oxide adaptor protein CAPON, and a nuclear adaptor protein FE65, which interacts with the Alzheimer's disease amyloid precursor protein. This gene may play a role in dexamethasone-induced alterations in cell morphology, growth and cell-extracellular matrix interactions. Epigenetic inactivation of this gene is closely correlated with resistance to dexamethasone in multiple myeloma cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2011]
Locus ID:	51655
MW:	26.1