Recombinant Full Length Human DSCR3 Protein, GST-tagged

Cat. No. DSCR3-4196HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DSCR3 full-length ORF (BAG35585.1, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	297 amino acids
Description	The region of chromosome 21 between genes CBR and ERG (CBR-ERG region), which spans 2.5 Mb on 21q22.2, has been defined by analysis of patients with partial trisomy 21. It contributes significantly to the pathogenesis of many characteristics of Down syndrome, including morphological features, hypotonia, and mental retardation. The DSCR3 (Down syndrome critical region gene 3) gene is found in this region and is predictated to contain eight exons. DSCR3 is expressed in most tissues examined. [provided by RefSeq, Jul 2008]
Molecular Mass	59.07 kDa
AA Sequence	MGTALDIKIKRANKVYHAGEVLSGVVVISSKDSVQHQGVSLTMEGTVNLQLSAKSVG VFEAFYNSVKPIQIINSTIEMVKPGKFPSGKTEIPFEFPLHLKGNKVLYETYHGVFVNIQ YTLRCDMKRSLLAKDLTKTCEFIVHSAPQKGKFTPSPVDFTITPETLQNVKERALLPK FLLRGHLNSTNCVITQPLTGELVVESSEAAIRSVELQLVRVETCGCAEGYARDATEIQ NIQIADGDVCRGLSVPIYMVFPRLFTCPTLETTNFKVEFEVNIVVLLHPDHLITENFPLK LCRI

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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	DSCR3 DSCR3 arrestin fold containing [Homo sapiens (human)]
Official Symbol	DSCR3
Synonyms	DSCR3; DSCR3 arrestin fold containing; DSCR3 Arrestin Fold Containing; Down Syndrome Critical Region Protein A; Down Syndrome Critical Region 3; DSCRA; DCRA; Down Syndrome Critical Region Protein 3; Down Syndrome Critical Region Gene 3; Down syndrome critical region protein 3; Down syndrome critical region 3; Down syndrome critical region gene 3; Down syndrome critical region protein A
Gene ID	10311
mRNA Refseq	NM_001331018
Protein Refseq	NP_001317947
MIM	605298

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UniProt ID	O14972

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