

## Recombinant Human ADARB2 Protein, GST-tagged

Cat. No. ADARB2-316H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human ADARB2 full-length ORF (BAG51468.1, 1 a.a. - 248 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Wheat Germ  |
| <b>Description</b>      | This gene encodes a member of the double-stranded RNA adenosine deaminase family of RNA-editing enzymes and may play a regulatory role in RNA editing. [provided by RefSeq, Jul 2008]   |
| <b>Molecular Mass</b>   | 53.1 kDa  |
| <b>AA Sequence</b>      | MGLWSPVPGNSVPRAPVMAGLGLGHSQGAPQGP HDGKTRSSGPGRRRTERTRL<br>PGLLGAPL TAGSPHRWNVLGLQGALLSHFVEPVYLQSI VVGS LHH TGHLARVMSH<br>RMEGVGQLPASYRHNRP LLSGVSDAEARQPGKSPPF SMNWV VGSADLEIINATTG<br>RRSCGGPSRLCKHVLSARWARLYGRLSTRTPSPGDTPSMYCEAKLGAHTYQSVKQ<br>QLFKAFQKAGLGTWVRKPPEQQQFLTL |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array   |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.  |

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| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.   |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.   |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | ADARB2 adenosine deaminase, RNA-specific, B2 [ Homo sapiens ]  |
| <b>Official Symbol</b>  | ADARB2   |
| <b>Synonyms</b>         | ADARB2; adenosine deaminase, RNA-specific, B2; adenosine deaminase, RNA specific, B2 (RED2 homolog rat); double-stranded RNA-specific editase B2; ADAR3; hRED2; RED2; RED2 homolog (rat); RED2 homolog; homolog of rat BLUE; RNA-editing enzyme 2; RNA-editing deaminase 2; dsRNA adenosine deaminase B2; RNA-dependent adenosine deaminase 3; adenosine deaminase, RNA-specific, B2 (RED1 homolog rat); adenosine deaminase, RNA-specific, B2 (RED2 homolog rat); FLJ25034; FLJ36975; FLJ41340; |
| <b>Gene ID</b>          | 105  |
| <b>mRNA Refseq</b>      | NM_018702  |
| <b>Protein Refseq</b>   | NP_061172  |
| <b>MIM</b>              | 602065   |
| <b>UniProt ID</b>       | Q9NS39   |

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