Product datasheet for TP319761

ADAR1 (ADAR) (NM_001025107) Human Recombinant Protein

Product data:

- **Product Type:** Recombinant Proteins
- **Description:** Recombinant protein of human adenosine deaminase, RNA-specific (ADAR), transcript variant 4
- **Species:** Human
- **Expression Host:** HEK293T
- **Tag:** C-Myc/DDK
- **Predicted MW:** 103.5 kDa
- **Concentration:** >50 ug/mL as determined by microplate BCA method
- **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining
- **Buffer:** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
- **Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
- **RefSeq:** NP_001020278
- **Locus ID:** 103
- **RefSeq Size:** 6532
- **Cytogenetics:** 1q21.3
- **RefSeq ORF:** 2796
- **Synonyms:** ADAR1; AGS6; DRADA; DSH; DSRAD; G1P1; IFI-4; IFI4; K88DSRBP; P136
- **Summary:** This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double-stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]
- **Protein Families:** Druggable Genome
- **Protein Pathways:** Cytosolic DNA-sensing pathway

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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