

Recombinant Human ADAR protein, His-SUMO-tagged

Cat. No. ADAR-2484H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAR protein(P55265)(1-176aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-176aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	35.6 kDa
AA Sequence	MNPRQGYSLSGYYTHPFQGYEHRQLRYQQPGPGSSPSSFLLKQIEFLKGQLPEAPV IGKQTPSLPPSLPGLRPRFPVLLASSTRGRQVDIRGVPRGVHLRSQGLQRGFQHPS PRGRSLPQRGVDCLSSHFAQELSIYQDQEQRILKFLEELGEGKATTAHDLSGKLGTPK KEINRVL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [ADAR adenosine deaminase, RNA-specific \[Homo sapiens \]](#)

Official Symbol [ADAR](#)

Synonyms

ADAR; adenosine deaminase, RNA-specific; G1P1, IFI4, interferon induced protein 4; double-stranded RNA-specific adenosine deaminase; ADAR1; dsRNA adenosine deaminase; interferon-induced protein 4; interferon-inducible protein 4; adenosine deaminase acting on RNA 1-A; 136 kDa double-stranded RNA-binding protein; DSH; G1P1; IFI4; P136; DRADA; DSRAD; IFI-4; K88DSRBP;

Gene ID [103](#)

mRNA Refseq [NM_001025107](#)

Protein Refseq [NP_001020278](#)

MIM [146920](#)

UniProt ID [P55265](#)

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