

Product datasheet for TP524097

OriGene Technologies, Inc.

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Eda (NM_010099) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse ectodysplasin-A (Eda), with C-terminal MYC/DDK tag,

expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA >MR224097 protein sequence Red=Cloning site Green=Tags(s)

Sequence:

MGYPEVERREPLPAAAPRERGSQGCGCRGAPARAGEGNSCRLFLGFFGLSLALHLLTLCCYLELRSELRR ERGTESRLGGPGAPGTSGTLSSPGSLDPVGPITRHLGQPSFQQQPLEPGEDPLPPDSQDRHQMALLNFFF PDEKAYSEEESRRVRRNKRSKSGEGADGPVKNKKKGKKAGPPGPNGPPGPPGPPGPPGPPGIPGIPG TTVMGPPGPPGPPGPPGLQGPSGAADKTGTRENQPAVVHLQGQGSAIQVKNDLSGGVLNDWSRITMN

PKVFKLHPRSGELEVLVDGTYFIYSQVYYINFTDFASYEVVVDEKPFLQCTRSIETGKTNYNTCYTAGVC

LLKARQKIAVKMVHADISINMSKHTTFFGAIRLGEAPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 41.4 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 034229

Locus ID: 13607

UniProt ID: O54693, Q3UV69



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RefSeq Size: 4955

Cytogenetics: X 43.59 cM

RefSeq ORF: 1170

Synonyms: Ed1; Eda-A1; Eda-A2; EDA1; HED; Ta; tabby; Tnlg7c; XLHED

Summary: Cytokine which is involved in epithelial-mesenchymal signaling during morphogenesis of

ectodermal organs. Functions as a ligand activating the DEATH-domain containing receptors EDAR and EDA2R. Isoform TAA binds only to the receptor EDAR, while isoform TA-A2 binds exclusively to the receptor EDA2R (By similarity). May also play a role in cell adhesion (PubMed:10534613).

[UniProtKB/Swiss-Prot Function]