

Product datasheet for **TP306638M**

RAI2 (NM_021785) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human retinoic acid induced 2 (RAI2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206638 protein sequence
Red=Cloning site **Green**=Tags(s)

MDDLQSQNLSMDMTDPPALANNRLENGMAQLITTEAWNINSTDLVKKALVTPAPSILNPPAESQSGMA
LKVAATVLQPLCLGESPVVMPIHMQVEGSSAPELNPNGNATYVMTTQGPVQLPWLEQHVFQHLNSPLVL
PQEAPCSSSTIHNNLFQGAEDPEAQPQLLDLRIPSQPQEPTLPFEAVLQNLFPSQGTLPVPPCQPPPGYA
PVPPQPFSSPLSPLVPPATLLVPYPVIVPLPVPVPIPIPIVPPQSSSEKSSSFPPKPPSSFGFLHPFKGTQ
TPLEKDELKPFILQPKYFQLSRHTVIKMGSENEALDLSMKSVPWKAGEVSPPIFQEDAPLDLSVAAH
RKSEPPPETLYDSGASVDSSGHTVMEKLPSPGMEISFAPATSHEAPAMMDSHISSSDAATEMLSQPNHPSG
EVKAENNIEMVGESQAAKVIVSVEDAVPTIFCGKIKGLSGVSTKNFSFKREDSVLQGYDINSQGEESMGN
AEPLRKPIKNRSIKLKKVNSQEIHMLPIKKQRLATFFPRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 57 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online »](#)

RefSeq: [NP_068557](#)

Locus ID: 10742

UniProt ID: [Q9Y5P3](#), [A0A024RBZ8](#), [B3KPD7](#), [B2RBE9](#)

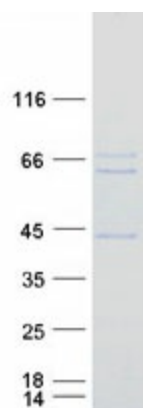
RefSeq Size: 2229

Cytogenetics: Xp22.13

RefSeq ORF: 1590

Summary: Retinoic acid plays a critical role in development, cellular growth, and differentiation. The specific function of this retinoic acid-induced gene has not yet been determined but it may play a role in development. The chromosomal location of this gene designates it to be a candidate for diseases such as Nance-Horan syndrome, sensorineural deafness, non-specific X-linked cognitive disability, oral-facial-digital syndrome, and Fried syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]

Product images:



Coomassie blue staining of purified RAI2 protein (Cat# [TP306638]). The protein was produced from HEK293T cells transfected with RAI2 cDNA clone (Cat# [RC206638]) using MegaTran 2.0 (Cat# [TT210002]).