

Product datasheet for **TP306638L**

RAI2 (NM_021785) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human retinoic acid induced 2 (RAI2), 1 mg

Species: Human

Expression Host: HEK293T

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

MDDLQSQNLSMDMTDPPALANNRLENGMAQLITTEAWNINSTDLVKKALVTPAPSILNPPAESQSGMA
LKVAATVLQPLCLGESPVVMPIHMQVEGSSAPELNPNGNATYVMTTQGPVQLPVVLEQHVQHLNSPLVL
PQEAPCSSSTIHNNLFQGAEDPEAQPQLDLRIPSQPQEPTLPFEAVLQNLFPSQGTGPPPCQPPPGYA
PVPPQPFSSPLSPLVPPATLLVPYPVIVPLPVPVPIPIPIVPQSSESKFSSSFPPKPPSSFGFLHPFKGTQ
TPLEKDELKPFILQPKEYFQLSRHTVIKMGSENEALDSMKSVPLKAGEVSPPIFQEDAPLDLSVAAH
RKSEPPPETLYDSGASVDSSGHTVMEKLPSGMEISFAPATSHEAPAMMDSHISSDAATEMLSQPNHPSG
EVKAENNIEMVGESQAAKVIVSVEDAVPTIFCGKIKGLSGVSTKNFSFKREDSVLQGYDINSQGEESMG
AEPLRKPIKNRSIKLKKVNSQEIHMLPIKKQLATFFPRK

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.



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RefSeq: NP_068557

Locus ID: 10742

UniProt ID: Q9Y5P3

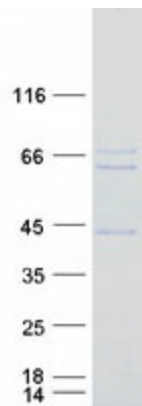
RefSeq Size: 2229

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]).