

## 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 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDDLQSQNLSMDMTDPPALANNRLENGMAQLITTEAWNINSTDLVKKALVTPAPSILNPPAESQSGMALKVAATVLQPLCLGESPVVMPIHMQVEGSSAPELNPNGNATYVMTTQGPVQLPWLEQHVFQHLNSPLVLPQEAPCSSSTIHNNLFQGAEDPEAQPQLLDLRIPSQPQEPTLPFEAVLQNLFPSQGTLPVPPCQPPPGYAPVPPQPFSSPLSPLVPPATLLVPYPVIVPLPVPVPIPIPIVPPQSSSEKFSSSFPPKPPSSFGFLHPFKGTQTPLEKDELKPFILQPKYFQLSRHTVIKMGSENEALDLSMKSVPWKAGEVSPPIFQEDAPLDLSVAARKSEPPPETLYDSGASVDSSGHTVMEKLPSPGMEISFAPATSHEAPAMMDSHISSSDAATEMLSQPNHPSGEVKAENNIEMVGESQAAKVIVSVEDAVPTIFCGKIKGLSGVSTKNFSEKREDSVLQGYDINSQGEESMGNAEPLRKPIKNRSIKLKKVNSQEIHMLPIKKQRLATFFPRK

**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](#), [A0A024RBZ8](#), [B3KPD7](#), [B2RBE9](#)

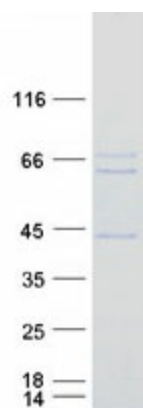
RefSeq Size: 2229

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]).