

RARRES1, 43-294aa, Human, His tag, E.coli

Cat.NO.: TP03679

3th Edition

Synonyms:Retinoic acid receptor responder protein 1 isoform 1, TIG1

Description:Retinoic acid receptor responder protein 1 isoform 1, also known as RARRES1, belongs to the TIGs (Tazarotene-induced gene) family. TIGs act as tumor suppressor genes in human cancers and are highly expressed in skin, hair follicles and endothelial cells as well as in pancreas, spleen and intestine. TIGs are activated by tazarotene and have been implicated as growth regulators that mediate the growth suppressive effects of retinoids. Recombinant human RARRES1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:31.3kDa (275aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSPDDPGQPQDAGVPRRLLQQAARAALHFFNFRSGSPSALRVLAEVQEGRAW
INPKEGCKVHVVFSTERYNPESLLQEGEGR LGKCSARVFFKNQKPRPTINVTCTR LIEKKKRQQEDYLLYKQMKQL
KNPLEIVSIPDNHGHIDPSLR LIWDLAFLGSSYVMWEMTTQVSHYYLAQLTSVRQWKTND DTDIDFDYTVLLHELSTQ
EIIPCRIHLVWYPGKPLKV KYHCQELQTP EEASGTEEGSAVVPT ELSNF

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.