



Recombinant Human Retinoic acid receptor responder protein 1 (RARRES1), partial

Product Code	CSB-MP019341HU1
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49788
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	PDDPGQPQ DAGVPRLLQ QAARAALHFF NFRSGSPSAL RVLAEVQEGR AWINPKEGCK VHVVFSTERY NPESLLQEGE GRLGKCSARV FFKNQKPRPT INVTCTRLIE KKKRQQEDYL LYKQMKQLKN PLEIVSIPDN HGHIDPSLRL IWDLAFLGSS YVMWEMTTQV SHYYLAQLTS VRQWKTNDT IDFDYTVLLH ELSTQEIIPC RIHLVWYPGK PLKVKYHCQE LQTPEEASGT EEGSAVVPTE LSNF
Source	Mammalian cell
Target Names	RARRES1
Protein Names	Recommended name: Retinoic acid receptor responder protein 1 Alternative name(s): RAR-responsive protein TIG1 Tazarotene-induced gene 1 protein
Expression Region	43-294
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Cytoplasmic domain
Target Details	This gene was identified as a retinoid acid (RA) receptor-responsive gene. It encodes a type 1 membrane protein. The expression of this gene is upregulated by tazarotene as well as by retinoic acid receptors. The expression of this gene is found to be downregulated in prostate cancer, which is caused by the methylation of its promoter and CpG island. Alternatively spliced transcript variant encoding distinct isoforms have been observed.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.