



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

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| Product Code | CSB-EP019341HU1 |
| 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 | E.coli |
| 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. |