



Retinoic Acid Early Transcript 1G Human Recombinant

Item Number	rAP-4663
Synonyms	Retinoic acid early transcript 1G protein, RAET1G, ULBP5.
Description	RAET1G Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (corresponding to Isoform 2, Uniprot accession #Q6H3X3-2) containing 198 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 22.43kDa (calculated).
Uniprot Accession Number	Q6H3X3
Amino Acid Sequence	MKHHHHHHASGLADPHSLCY DITVIPKFRP GPRWCAVQQQ VDEKTFLLHYD CGSKTVTPVS PLGKKLNVTT AWKAQNPVLR EVVDILTEQL LDIQLENYIP KEPLTLQARM SCEQKAEGHG SGSWQLSFDG QIFLLFDSEN RMWTTVHPGA RKMKEKWEND KDMTMSFHYI SMGDCTGWLE DFLMGMDSTL EPSAGGTV.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	RAET1G filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. RAET1G is not sterile! Please filter the product by an appropriate sterile filter before using
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**