

Recombinant Full Length Pongo Pygmaeus G-Protein Coupled Receptor 56(Gpr56) Protein, His-Tagged

Cat. No. RFL13856PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pongo pygmaeus G-protein coupled receptor 56(GPR56) Protein (Q50DM5) (26-687aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pongo Pygmaeus
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-687)
Form	Lyophilized powder
AA Sequence	RGHREDFRFCSQRNQTHKSSLHYKATQDLRISIENSEEALT VHAPFPAAHPASQSFP DPR GLYHFCLYWNRHAGRLHLLYGKHD FLLSDKASSLLCFQH QEESLAQGPPLLAT SVTSWWS PQNISLPSAASF TFSFHSPSHTAAHNASVDMCELKRD LQLLSQFLKHPQ KASRRPSAAPA SQQ LQSLESKLT SVRFMGDTV SFEE DRINAT VWKLQPTAGLQDLH IHSRQEEEQSEILEY SVLLPRTL FQRTKGRRGEAEKRLLL VDFSSQALFQDKNASQV LGEKVLGIVVQNTKVANL TEPVVLTFQHQLQPKNVT LQCVFWVEDPTLSSPGHWSS AGCETVRRETQTSCFCNHLTYF AVL MVSSVEVD AVHKHYLSLLSYVGCVISALACV VTIAAYLCSRRKPRDYTIKVH MNLLL AVFLDMSFLLSEPVALTGSEAGCRAGAIFLH FSL LACLSWMGLEGYNLYRLVVEVFGTY VPGYLLKLSAMGWGFPIFLVTLVALVDV DNYGP IILAVHRTPE SVIYPSMCWIRDSLVS YVTNLGLFSLVFLFN MAMLGTMVVQIL RLRPHTQKWSHVL TLLGLSLVLGLPWALIFFSFA SGTFQLVVL YLFSIITSFQGLIFI WYWSMRLQARGGPSPLKSNSDSARLPISSGSTSSS RI

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	ADGRG1
Synonyms	ADGRG1; GPR56; Adhesion G-protein coupled receptor G1; G-protein coupled receptor 56
UniProt ID	Q50DM5