

Active Recombinant Human PGA4 protein, hFc-tagged

Cat. No. PGA4-478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PGA4 protein(P00790) (Met 1-Ala 388) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-388 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The specific activity is > 3000 pmoles/min/μg.
Molecular Mass	The secreted recombinant human PGA4/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 614 amino acids and has a predicted molecular mass of 67.3 kDa. The apparent molecular mass of rhPGA/Fc monomer is approximately 65-70 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 80 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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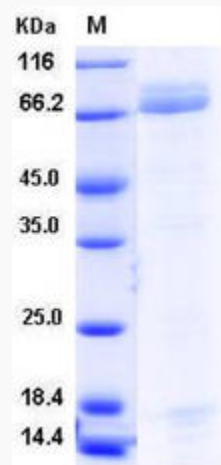
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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

SDS-PAGE



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