

Recombinant Full Length Rat Polymeric Immunoglobulin Receptor(Pigr) Protein, His-Tagged

Cat. No. RFL27254RF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Polymeric immunoglobulin receptor(Pigr) Protein (P15083) (19-769aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (19-769)
Form	Lyophilized powder
AA Sequence	<p> QSPIFGPQDVSSIEGNSVSITCYYPDTSVNRHTRKYWCRQGANGYCATLISSNGYLS KEYSGRASLINFPENSTFVINIAHLTQEDTGSYKCGLGTTNRGLFFDVSLEVSQVPEF PNDTHVYTKDIGRTVTIECRFKEGNAHSHKSLCKKRGEACEVVIDSTEYVDPSYKDR AILFMKGTSRDIFYVNISHLIPSDAGLYVCQAGEGPSADKNNADLQVLEPEPELKYD LRSSVTFECDLGREVANDAKYLCRKNKETCDVIINTLGKRDPAFEGRILLTPRDDNG RFSVLITGLRKEDAGHYQCGAHSSGLPQEGWPVQAWQLFVNEESTIPNSRSVVKG VTGGSSVAIVCPYNPKESSSLKYWCHWEADENGRCPVLVGTQALVQEGYEGRLALF DQPGSGAYTVILNQLTTQDSGFYWCLTDGDSRWRTTIELQVAEATKKPDLEVTPQN ATAVIGETFTISCHYPCKFYQSKEYWCKWSNDGCHILPSHDEGARQSSVSCDQSSQ IVSMTLNPVKKEDEGWYWCGVKEGQVYGETTAIYVAVEERTRGSPHINPTDANARA KDAPEEEAMESSVREDENKANLDPRLFADEREIQNAGDQAQENRASGNAGSAGGQ SGSSKVLVSTLVPLGLVLA VGAVAVWVARVRHRKNVDRMISSYRTDISMGDFRNS </p>

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RDLGGNDNMGATPDTQETVLEGKDEIETTTECTTEPEESKKAKRSSKEEADMAYSA
FLFQSSTIAAQVHDGPQEA

Purity Greater than 90% as determined by SDS-PAGE.

Applications 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 multiple 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 Pigr

Synonyms Pigr; Polymeric immunoglobulin receptor; PIgR; Poly-Ig receptor

UniProt ID [P15083](https://www.uniprot.org/protein/P15083)

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