

EPOR Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20930c**Specification**

EPOR Blocking Peptide (C-term) - Product InformationPrimary Accession [P19235](#)**EPOR Blocking Peptide (C-term) - Additional Information****Gene ID** 2057**Other Names**

Erythropoietin receptor, EPO-R, EPOR

Target/Specificity

The synthetic peptide sequence is selected from aa 470-484 of HUMAN EPOR

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EPOR Blocking Peptide (C-term) - Protein Information**Name** EPOR**Function**

Receptor for erythropoietin. Mediates erythropoietin-induced erythroblast proliferation and differentiation. Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Erythroid cells and erythroid progenitor cells. Isoform EPOR-F is the most abundant form in EPO-dependent erythroleukemia cells and in late-stage erythroid progenitors. Isoform EPOR-S and isoform EPOR-T are the predominant forms in bone marrow Isoform EPOR-T is the most abundant from in early-stage erythroid progenitor cells

EPOR Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

EPOR Blocking Peptide (C-term) - Images

EPOR Blocking Peptide (C-term) - Background

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EPOR Blocking Peptide (C-term) - References

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Jones S.S.,et al.Blood 76:31-35(1990).
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Ehrenman K.,et al.Exp. Hematol. 19:973-977(1991).
Nakamura Y.,et al.Science 257:1138-1141(1992).