

XPC Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350531

Unit: 0.1 mg

Description:

Xeroderma pigmentosum group C-complementing protein (XPC) is involved in DNA excision repair by recognizing DNA damage and altering chromatin structure for damage-processing enzymes. Defects in XPC are a cause of xeroderma pigmentosum complementation group C characterized by solar sensitivity and skin cancer predisposition.

Format: Each vial contains 0.1 mg of lyophilized peptide. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: DNA-repair protein complementing XP-C cells; Xeroderma pigmentosum group C-complementing protein; p125; XPC; XPCC

Accession No.: Q01831

MW: 1756.7 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200169 is selected from a sequence within the C-term region of human XPC. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C₆₅H₁₀₅N₂₁O₃₄S₁

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.