



Recombinant Human BRAF Protein Product Manual

1. Product Basic Information

Product No.: REP06269

Protein Name: Brf-94 Kda B-Raf Protein (BRAF)

Aliases: NS7; B-raf; BRAF1; RAFB1; B-RAF1; BRAF-94 kDa B-raf protein; proto-oncogene B-Raf; B-Raf serine/threonine-protein; serine/threonine-protein kinase B-raf; B-Raf proto-oncogene, serine/threonine kinase;...

UniProt ID: P15056

UniProt Link: <https://www.uniprot.org/uniprotkb/P15056/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-766aa)

Molecular Weight: 91.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-766aa)

AALSGGGGGGAEPGQALFNGDMEPEAGAGAGAAASSAADPAIPEEVWNIQMIKL
TQEHIEALLDKFGGEHNPPSIYLEAYEEYTSKLDALQQREQQLLES LGNGTDFSVSS
SASMDTVTSSSSSSSLVLPSSLSVFQNPTDVARSNPKSPQKPIVRVFLPNKQRTVV
PARCGVTVRDSLKKALMMRGLIPECCAVYRIQDGEKKPIGWDTDISWLTGEELHVE
VLENVPLTTHNFVRKTFFTLAFCDFCRKLLFQGFRQCQTCGYKFHQRCSTEVPLMCV
NYDQLDLLFVSKFFEHHPIPQEEASLAETALTSGSSPSAPASDSIGPQILTSPSPSKSI
PIQPFRPADEDHRNQFGQRDRSSSAPNVHINTIEPVNIDDLIRDQGFGRDGGSTT
GLSATPPASLPGSLTNVKALQKSPGPQERERKSSSSSEDRNRMKTLGRRDSSDDWE
IPDGQITVGQRIGSGSFGTVYKGKWHGDVAVKMLNVTAPTPQQLQAFKNEVGVL R
KTRHVNILLFMGYSTKPQLAIVTQWCEGSSLYHHLHIIETKFEMIKLIDIARQTAQGMD
YLHAKSIIHRDLKSNNIFLHEDLTVKIGDFGLATVKSRSWSGSHQFEQLSGSILWMAPE
VIRMQDKNPYSFQSDVYA FGI VLYELMTGQLPYSNINN RDQIIFMVGRGYLSPDLSK
VRSNCPKAMKRLMAECLKKKRDERPLFPQILASIELLARSLPKIHRSASEPSLN RAG
FQTEDFSLYACASPKTPIQAGGYGAFPVH



3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human BRAF full length of mature protein protein (2-766aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. BRAF, also known as NS7 or B-raf or BRAF1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.