



Recombinant Mouse ERBB3 Protein Product Manual

1. Product Basic Information

Product No.: REP06791

Protein Name: ERBB3

Aliases: HER3; FERLK; LCCS2; VSCN1; ErbB-c-erbB3; erbB3-MDA-BF-c-erbB-p180-ErbB3; p45-sErbB3; p85-sErbB3

UniProt ID: P21860

UniProt Link: <https://www.uniprot.org/uniprotkb/P21860/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Partial (20-641aa)

Molecular Weight: 70.0 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (20-641aa)

SEMGNSQAVCPGTLNGLSVTGDADNQYQTLYKLYEKCEVVMGNLEIVLTGHNADL
SFLQWIREVTGYVLVAMNEFSVLPLPNLRVVRGTQVYDGKFAIFVMLNYNTNSSHA
LRQLRFTQLTEILLGGVYIEKNDKLCHMDTIDWRDIVRVPDAEIVVKNNGGNCPPCH
EVCKGRCWGPPEDCQILTKTICAPQCNGRCFGPNPNQCCHDECAGGCSGPQDT
DCFACRHFNDSGACVPRCPAPLVYNKLTFLQLEPNPHIKYQYGGVCVASCPHNFVV
DQTFCVRACPADKMEVDKNGLMCEPCRGLCPKACEGTGSGSRYQTVDSNIDG
FVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPPHMHN
FSVFSNLTTIGGRSLYNRGFSLLIMKNLNVTSLGFRSLKEISAGRVYISANQQLCYHH
SLNWTRLLRGPAAERLDIKYNRPLGECVAEGKVCDPLCSSGGCWGPGPGQCLSC
RNYSREGVCVTHCNVLQGEPREFVHEAHCF SCHPECQPMEGTSTCNGSGSDACA
RCAHFRDGPCHVNSCPHGILGAKGPIYKYPDAQNECRPCHENCTQGCKGPQLQDC
LGQAEVLMSKPH

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)

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 Mouse ERBB3 partial protein (20-641aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ERBB3, also known as HER3 or FERLK or LCCS2, 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.