

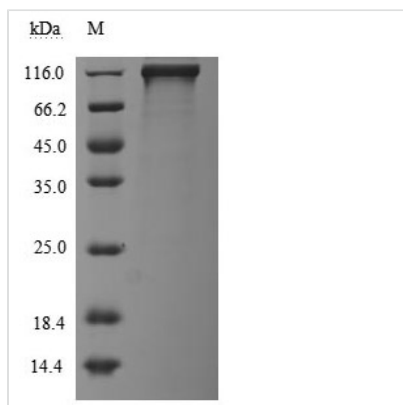


# Recombinant Human Receptor tyrosine-protein kinase erbB-3 (ERBB3), partial (Active)

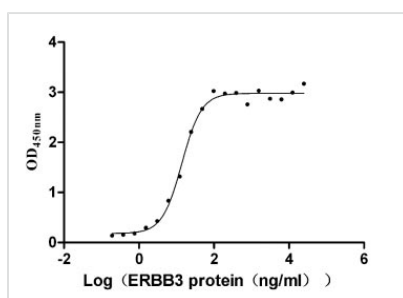
<b>Product Code</b>	CSB-MP007765HU
<b>Abbreviation</b>	Recombinant Human ERBB3 protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P21860
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized NRG1(CSB-MP016077HU1(F6)) at 2 µg/ml can bind human ERBB3, the EC <sub>50</sub> is 12.32-15.74 ng/ml.
<b>Purity</b>	≥ 95% as determined by SDS-PAGE.
<b>Sequence</b>	SEVGNSQAVCPGTLNGLSVTGDAENQYQTLTKLYERCEVVMGNLEIVLTGHN ADLSFLQWIREVTGYVLVAMNEFSTLPLPNLRVVRGTQVYDYGKFAIFVMLNYN TNSSHALRQLRLTQLTEILSGGVYIEKNDKLCHMDTIDWRDIVRDRDAEIVVKD NGRSCPPCHEVCKGRCWGPGEEDCQTLTKTICAPQCNGHCFGPNPNQCCH DECAGGCSGPQDTCFACRHFNDSGACVPRCPQLVYNKLTFLQLEPNPHTK YQYGGVCVASCPHFVVDQTSVVRACPPDKMEVDKNGLKMCEPCGGLCPKA CEGTGSGSRFQTVDSSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKL NVFRTVREITGYLNIQSWPPHMHNFSVFSNLTTIGGRSLYNRGFSLLIMKLNLV TSLGFRSLKEISAGRIYISANRQLCYHHSLNWTKVLRGPTTEERLDIKHNRPRRD CVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEPRE FAHEAECFSCHPECQPMEGTATCNGSGSDTCAQCAHFRDGPFCVSSCPHGV LGAKGPIYKYPDVQNECRPCHENCTQGCKGPELQDCLGQTLVLIGKTHLT
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ERBB3
<b>Expression Region</b>	20-643aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal hFc1-tagged
<b>Mol. Weight</b>	96.4 kDa
<b>Protein Length</b>	Partial



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



### Activity

Measured by its binding ability in a functional ELISA. Immobilized NRG1(CSB-MP016077HU1(F6)) at 2  $\mu$ g/ml can bind human ERBB3, the EC<sub>50</sub> is 12.32-15.74 ng/ml.

## Endotoxin

Less than 1.0 EU/ $\mu$ g as determined by LAL method.

## 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.

## Shelf Life

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