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Datasheet for ABIN7534322
DNER Protein (Fc Tag,His tag)

Overview

Quantity:	100 µg
Target:	DNER
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNER protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Recombinant Human DNER Protein
Sequence:	RGSSLANPVP AAPLSAPGPC AAQPCRNGGV CTSRPEPDPQ HPAPAGEPGY SCTCPAGISG ANCQLVADPC ASNPCHHGNC SSSSSSSSDG YLCICNEGYE GPNCEQALPS LPATGWTESM APRQLQPVPA TQEPDKILPR SQATVTLPTW QPKTGQKVVE MKWDQVEVIP DIACGNASSN SSAGGRLVSF EVPQNTSVKI RQDATASLIL LWKVTATGFQ QCSLIDGRSV TPLQASGGLV LLEEMLALGN NHFIGFVNDV VTKSIVALRL TLVVKVSTCV PGESHANDLE CSGKGKCTTK PSEATFSTC EEQYVGTFC EYDACQRKPC QNNASCIDAN EKQDGSNFTC VCLPGYTGEL CQSKIDYCIL DPCRNGATCI SSSGFTQC PEGYFGSACE EKVDPCASSP CQNNGTCYVD GVHFTCNCSG GFTGPTCAQL IDFCALSPCA HGTCRSVGTS YKCLCDPGYH GLYCEEEYNE CLSAPCLNAA TCRDLVNGYE CVCLAHEYKGT HCELYKDPCA NVSCLNGATC DSDGLNGTCI CAPGFTGEEC DIDINECDN PCHHGGSCLD QPNGYNCHCP HGWVGANCEI HLQWKSGHMA ESLTNMPRH
Specificity:	Arg29-His637
Purity:	> 97 % by SDS-PAGE.

Product Details

Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01 EU/µg of the protein by LAL method.

Target Details

Target:	DNER
Alternative Name:	DNER (DNER Products)
Background:	<p>Description: DNER (Delta/Notch-like EGF-related receptor), also known as BET (brain-specific EGF-like transmembrane protein), is a type I transmembrane glycoprotein of the Notch/Delta family . In the mouse, DNER has been detected as 90, 120 and 150 kDa forms which are probably variably glycosylated .Activator of the NOTCH1 pathway. May mediate neuron-glia interaction during astrocytogenesis.DNER associates with protein tyrosine phosphatase zeta (PTP zeta), which is the receptor of pleiotrophin (PTN). PTP zeta -PTN-DNER signaling has been implicated in the regulation of neuritogenesis. Expression of DNER in glioblastoma stem-like cells inhibits formation of neurospheres in vitro, while in vivo it induces differentiation and inhibits growth of xenografts, thus acting as a tumor suppressor.</p> <p>Name: DNER,UNQ26,bet</p>
Gene ID:	92737
UniProt:	Q8NFT8
Pathways:	Skeletal Muscle Fiber Development

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.