

Product datasheet for TP761393

IER2 (NM_004907) Human Recombinant Protein

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human immediate early response 2 (IER2), full length, with N- terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length IER2
Tag:	N-GST and C-His
Predicted MW:	52 kDa
Concentration:	>0.05 μ g/ μ L as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 004898</u>
Locus ID:	9592
UniProt ID:	<u>Q9BTL4, A0A024R7H1</u>
RefSeq Size:	2088
Cytogenetics:	19p13.13
RefSeq ORF:	669
Synonyms:	ETR101



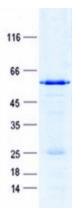
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GRIGENE IER2 (NM_004907) Human Recombinant Protein – TP761393

Summary: DNA-binding protein that seems to act as a transcription factor (PubMed:19584537). Involved in the regulation of neuronal differentiation, acts upon JNK-signaling pathway activation and plays a role in neurite outgrowth in hippocampal cells (By similarity). May mediate with FIBP FGF-signaling in the establishment of laterality in the embryo (By similarity). Promotes cell motility, seems to stimulate tumor metastasis (PubMed:22120713).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



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