

## Product datasheet for **TP322789M**

### **DOCK8 (NM\_203447) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dedicator of cytokinesis 8 (DOCK8), 100 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone >RC222789 representing NM\_203447  
 or AA Sequence: Red=Cloning site Green=Tags(s)

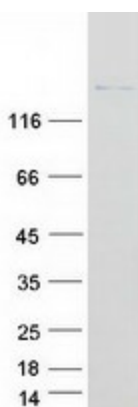
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 LAVAINQEPDAKMLQMV LQGSVGATV NQGPLEVAQVFLAEIPADPKLYRHHNKLRLCFKEFIMRCGEAV  
 EKNKRLITADQREYQQELKKNYNKLNENLRPMIERKIPELYKPIFRVESQKRDSFHRSSFRKCETQLSQG  
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 238.3 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_982272</a>
<b>Locus ID:</b>	81704
<b>UniProt ID:</b>	<a href="#">Q8NF50</a>
<b>RefSeq Size:</b>	7257
<b>Cytogenetics:</b>	9p24.3
<b>RefSeq ORF:</b>	6093
<b>Synonyms:</b>	HEL-205; MRD2; ZIR8
<b>Summary:</b>	This gene encodes a member of the DOCK180 family of guanine nucleotide exchange factors. Guanine nucleotide exchange factors interact with Rho GTPases and are components of intracellular signaling networks. Mutations in this gene result in the autosomal recessive form of the hyper-IgE syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Jun 2010]

### Product images:



Coomassie blue staining of purified DOCK8 protein (Cat# [TP322789]). The protein was produced from HEK293T cells transfected with DOCK8 cDNA clone (Cat# [RC222789]) using MegaTran 2.0 (Cat# [TT210002]).