Recombinant Mouse DOCK8 Protein (561-730 aa), His-tagged

Cat. No. DOCK8-2251M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DOCK8 Protein (561-730 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Mouse
Source	Yeast
ProteinLength	561-730 aa
Description	Potential guanine nucleotide exchange factor (GEF). GEF proteins activate some small GTPases by exchanging bound GDP for free GTP. Is involved in NK cell cytotoxicity controlling polarization of microtubule-organizing center (MTOC), and possibly regulating CCDC88B-mediated lytic granule transport to MTOC during cell killing.
Form	Tris-based buffer,50% glycerol
Molecular Mass	21.2 kDa
AA Sequence	RNLLYVYPQRLNFASKLASARNITIKIQFMCGEDPSNAMPVIFGKSSGPEFLQEVYTAI TYHNKSPDFYEEVKIKLPAKLTVNHHLLFTFYHISCQQKQGASGESLLGYSWLPILLN ERLQTGSYCLPVALEKLPPNYSIHSAEKVPLQNPPIKWAEGHKGVFNIEVQAV
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Dock8 dedicator of cytokinesis 8 [Mus musculus (house mouse)]
Official Symbol	DOCK8
Synonyms	Dock8; AI461977; 1200017A24Rik; 5830472H07Rik; A130095G14Rik;
Gene ID	76088
mRNA Refseq	NM_028785
Protein Refseq	NP_083061
UniProt ID	Q8C147

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