



Dedicator of Cytokines Protein 8, Recombinant, Human, aa560-729, His-tag (DOCK8)

Catalog number

405901

Supplier

United States Biological

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 by controlling polarization of microtubule-organizing center (MTOC), and possibly regulating CCDC88B-mediated lytic granule transport to MTOC during cell killing.

Source

Partial recombinant protein corresponding to aa560-729 from Human Dedicator of Cytokines Protein 8, fused to His-tag at N-terminal, expressed in Yeast.

Molecular Weight

~21.3kD

AA Sequence

RNLLYVYPQRLNLFVNKLASARNITIKIQFMCGEDASNAMPVIFGKSSGPEFLQEVYTAVTYHNKSPDFYEEVKIKLPAK
LTVNHLLFTFYHISCQQKQGASVETLLGYSWLPILLNERLQTGSYCLPVALEKLPPNYSMHSAEKVPLQNPPIKWAE
GHKGVFNIEVQAV

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 6 months after receipt at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

Purity

~85% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

21.3

Antigen Modification



Recombinant, Yeast

Reference

1. The region on 9p associated with 46,XY sex reversal contains several transcripts expressed in the urogenital system and a novel doublesex-related domain." Ottolenghi C., Veitia R., Quintana-Murci L., Torchard D., Scapoli L., Souleyreau-Therville N., Beckmann J., Fellous M., McElreavey K. Genomics 64:170-178(2000).