

Recombinant Human ENTR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ENTR1-2080H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SDCCAG3 MS Standard C13 and N15-labeled recombinant protein (NP_006634) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Endosome-associated protein that plays a role in membrane receptor sorting, cytokinesis and ciliogenesis. Involved in the endosome-to-plasma membrane trafficking and recycling of SNX27-retromer-dependent cargo proteins, such as GLUT1. Involved in the regulation of cytokinesis; the function may involve PTPN13 and GIT1. Plays a role in the formation of cilia. Involved in cargo protein localization, such as PKD2, at primary cilia. Involved in the presentation of the tumor necrosis factor (TNF) receptor TNFRSF1A on the cell surface, and hence in the modulation of the TNF-induced apoptosis.
Molecular Mass	45.5 kDa
AA Sequence	MSGYQRHPGATPLSRARSLAIPDAPAFYERRSCLPQLNCERPHGRDLDSPFFGIRP AFMCYVPSPVLASVGDTDDRFEDLEEANPFSFREFLKTKNLGLSKEDPASRIYAKEA SRHSLGLDHNSPPSQTGGYGLEYQQPFFEDPTGAGDLLDGEDEDTGWSGAYLPS AIEQTHPERVPAGTSPCSTYLSFFSTPSELAGPESLPSWALSDDSRVSPASPAGSP SADFAVHGESLGDRHLRTLQISYDALKDENSKLRRKLNEVQSFSEAQTEMVRTLER

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KLEAKMIKEESDYHDLESVVQQVEQNLELMTKRAVKAENHVVKLKQEISLLQAQVSN
FQRENEALRCGQGASLTVVKQNADVALQNLRVVMNSAQASIKQLVSGAETLNLVAEI
LKSIDRISEIKDEEEDSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ENTR1 endosome associated trafficking regulator 1 [Homo sapiens (human)]

Official Symbol ENTR1

Synonyms ENTR1; endosome associated trafficking regulator 1; SDDAG3; NY-CO-3; SDCCAG3; endosome-associated-trafficking regulator 1; antigen NY-CO-3; serologically defined colon cancer antigen 3

Gene ID 10807

mRNA Refseq NM_006643

Protein Refseq NP_006634

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MIM 618289

UniProt ID Q96C92

SDS-PAGE



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