# Recombinant Human SAXO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SAXO1-751H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | FAM154A MS Standard C13 and N15-labeled recombinant protein (NP_714918) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | May play a role in the regulation of cilium length. Stabilizes microtubules at low temperature. |
| **Molecular Mass** | 54.6 kDa |
| **AA Sequence** | MKTKCICELCSCGRHHCPHLPTKIYDETEKPCLLSEYTENYPFYHSYLPRESFKPRR EYQKGSIPMEGLTTSRRDFGPHKVAPVKVHQYDQFVPSEENMDLLTTYKKDYNPYP VCRVDPIKPRDSKYPCSDKMECLPTYKADYLPWNQPRREPLRLEHKYQPASVRFDN RTTHQDDYPIKGLVKTISCKPLAMPKLCNIPLEDVTNYKMSYVAHPVEKRFVHEAEKF RPCEIPFESLTTQKQSYRGLMGEPAKSLKPLARPPGLDMPFCNTTEFRDKYQAWPM PRMFSKAPITYVPPEDRMDLLTTVQAHYTCPKGAPAQSCRPALQIKKCGRFEGSSTT KDDYKQWSSMRTEPVKPVPQLDLPTEPLDCLTTTRAHYVPHLPINTKSCKPHWSGP RGNVPVESQTTYTISFTPKEMGRCLASYPEPPGYTFEEVDALGHRIYKPVSQAGSQ QSSHLSVDDSENPNQRELEVLATRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |

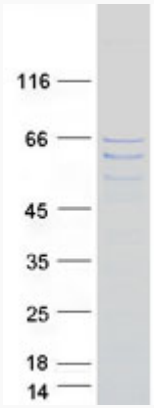
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| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **Storage** | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| **Concentration** | 50 μg/mL as determined by BCA |
| **Storage Buffer** | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

## GENE INFORMATION

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| **Gene Name** | SAXO1 stabilizer of axonemal microtubules 1 [ Homo sapiens (human) ] |
| **Official Symbol** | SAXO1 |
| **Synonyms** | SAXO1; stabilizer of axonemal microtubules 1; FAM154A; C9orf138; stabilizer of axonemal microtubules 1; 4930500O09Rik; family with sequence similarity 154, member A; protein FAM154A |
| **Gene ID** | 158297 |
| **mRNA Refseq** | NM_153707 |
| **Protein Refseq** | NP_714918 |
| **MIM** | 616292 |
| **UniProt ID** | Q8IYX7 |

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| **SDS-PAGE** |  |



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